

Division of Livestock Environmental Permitting A.B. Graham Building 8995 East Main Street, Reynoldsburg, OH 43068 Phone: 614-387-0470 * Fax: 614-728-6335 www.agri.ohio.gov * lepp@agri.ohio.gov

INSPECTION FORM I. FACILITY INFORMATION

Name of Inspector: Christine Pence Inspection Start Time: 12:00 p.m.	Date of Inspection: May 23, 201 Inspection End Time: 1:30 p.m.	2
Purpose of Inspection: 1st Routine 2nd Routine Partial	Complaint Enforcement Other	
Facility: Rule 901:10-2-01(C)(1) Neal Kremer (formerly named Stateline Agri, Inc.) 9159 State Route 118 Ansonia, OH 45303 937-547-1006		Ŀ
Owner/Operator: Rule 901:10-2-01(C)(1) Neal Kremer 9159 State Route 118 Ansonia, OH 45303 Office: 937-547-9633 Cell: 937-459-7740 Fax: 937-547-9884 e-mail: nealkremer@yahoo.com and neal@kreme	<u>erfamilyfarms.com</u>	
Contact Person: Neal Kremer Cell: 937-459-7740 Kyle Stegall, Operations Manager Cell: 937-417-2933 Kyle's Personal e-mail: kcsjrsl@yahoo.com PERMIT NUMBER: 19-122-PTO-002		
Expiration Date: November 2, 2016 Livestock Manager Name: N/A Rule 901:10-1-06 Biosecurity Information: No exposure to swine w. Date of Expiration of Certificate:	//in 48 hours. Boots worn around the facility.	
Rule 901:10-5-02(B Inspector followed facility or industry biosecurity whichever is more stringent	ty plan 🛛 Yes 🗌 No 🔲 N/A	

II. FACILITY OPERATION INFORMATION

Number and Type of Animals Rule 901:10-2-01(C)(2) and 901:10-1-07(A)(2)

Animal Type	Existing Number of Animals (leave blank if new)	Maximum Number of Anima (for new or expanding)		
Slaughter and feeder cattle		(tor new or expanding)		
Dairy heifers				
Mature cows (milked or dry)	71			
Swine Over 55 pounds	521	4400		
Swine Under 55 pounds		7700		
Horses				
Sheep or lambs				
Turkeys				
Laying hens				
Broilers				
Duck				
Pullets				
Others:				

During this inspection, the pigs that are currently on-site were being removed to market. There will be one more group of hogs stocked through Pork Champ then this facility is planning to convert to a weanto-finish operation on dry feed only and will be contracted with another company.

*In 2009, this facility began contract feeding for Pork Champ LLC. Bill Ringler is the contact person with Pork Champ and visits this facility typically once per week. The feeding system was previously dry feed; however it is now liquid feed. An underground concrete tank was installed (17,000 gal. capacity) between barns 1 and 3. The feed mixing room (kitchen) is located in the west end of barn 1. Kyle was cautioned to ensure any spilled feed is cleaned up immediately.

Number of Employees: 1 full time and 1 part time.

Type of Feed System: liquid/dry

III. WATER SYSTEM

Water	Supply	Sources
Rule 901:10-	2-08	

•	Is there a well located at the facility? There are 3 wells; 1 for hog barns; 1 for factory; together.	Yes 1 for residence.	No These wells are	N/A not plumbed
	Is water treatment used: If so, where does backflush water go?	Yes	⊠ No	□ N/A

Drinking Groundwater Sampling

 Are records of the gro 	undwater sampli	ng analysis pro	operly recorde	d in the operatio
record?] Yes	No	□ N/A
List the dates of the last	samples taken.			
Á	Groundwater Sa			
	Date Well 2/15/10 *O. Spig		l4 ppm	
1	4/14/11 *O. Spi		ppm	
	5/12/12 *O. Spi			
* Outside office location.				
The May 12, 2012 Nitrate results inspection in 2012.	were not yet retur	ned. Have these	e available at th	e next routine
Groundwater Monitoring 901:10-2-08(A)(4)(I)(i)&(ii), 901:10-2-03(A)(2)(e				
 Are groundwater monitor If yes, list results. 	oring wells requir	red? 🗌 Yes	⊠ No	□ N/A
Agricultural Drainage Well				
• Is there indication of an a	oricultural drain	ago well (Clos	• WII) (I	
		∐ Yes	⊠ No	e property?
If yes, is the agricultural dra	ainage well likely			
Wastewater DI:10-2-08(A)(4)(d)		Yes	☐ No	⊠ N/A
Is there a sanitary permit	for this facility?	⊠ Yes		
o If yes, does the sani	tary go to the man	ure storage and	☐ No treatment facil	itv?
		☐ Yes	⊠ No	□ N/A
 If yes, is it permitted 	to do so?	☐ Yes	☐ No	N/A
• Is there proper storage and	containment of	pesticides fert	ilizers and how	bioidos?
		∠ Yes	□ No	N/A
 Is there proper storage and 	containment of c	leaning solution		
• Is there proper storage and	containment of v	Yes	∐ No	□ N/A
		⊠ Yes	□No	□ N/A
 Is there proper storage and 	disposal of veteri	nary supplies?	?	
• Do any of the above so to the		⊠ Yes	□ No	□ N/A
 Do any of the above go to the Rule 901:10-2-10(A)(4)(d) 	е manure storage	area?	⊠ No	□ N/A
- 17(-7(=)		I I I ES	LX LIVA	I I N// A

IV. MANURE STORAGE AND TREATMENT FACILITIES

0	Type of Manure:
	Rule 901:10-2-10(A)
	(Check all that apply)

⊠Liquid ⊠ Solid

Annual manure analysis on File? Rules 901:10-2-10(C), 901:10-2-16(A)(1)(b)

□ N/A

Manure Sample Results (liquid measured in #/1,000 g)

Type	Date	Moisture %	NH ₄ -N	Organic N	P2O5	K,0
W. Pond (agitated)	4/2/09	97.44	20.24	6.35	15.58	
W. pond (agitated)	8/19/09	98,53	13.69	1.5.	7.43	14.45
W. Pond (agitated)	8/19/09	98.74	11.56	1.59	5.36	14.16
W. Pond (agitated)	8/2/10	99.09	14.4	,25	1.18	13.39
W. Pond (agitated)	4/7/11	97.56	21.86	3.56	15.34	17.37
W. Pond (agitated)	10/16/11	97.20	22.25	8.87	20.71	2.47
W. Pond (agitated)	10/17/11	96.93	24.03	7.84	19.34	24.71
W. Pond (agitated)	10/30/11	97.29	25.65	4.22	18.98	24.71
W. Pond (agitated)	11/9/11	96,72	27.28	4.86	21.48	24.12
W. Pond (agitated)	11/9/11	96.86	25.18	3.07	18.95	24.12
ma manalant Cal			-0.20	5.07	10.55	24.07

In 2009-2011, no analysis of the mortality compost was done, as none was land applied; the material was hauled to a landfill.

Manure tests will be due prior to removal this summer.

	•	Type of manure storage or treatment facility: Rule 901:10-2-04
Fabricate	ed i	(Check all that apply) Fabricated structure Manure storage pond Manure treatment lagoon Combination Structure Combination Comb
	•	Type of fabricated structure: Rule 901:10-2-05
		(Check all that apply) Stacking pad/bunker/etc ☐ Concrete block or stave pit Deep pit ☐ Above ground tank (metal/concrete/other) High-rise ☐ Manure storage barn (for belt-battery, etc) Other -Shallow pit ☐ Compacted earthen floor concrete pit Other - mortality disposal structure with 4 bays* (see page 12 of this report for details)
	•	Is there a six-inch minimum of freeboard for all storage structures containing liquid manure or subject to precipitation/runoff?
		Rules 901:10-2-05, 901:10-2-08(A)(4)
T e	•	Are records maintained on storage capacity or manure volume?
		Puls 001, 10 a 15 A May 2 Mills

Structure Date Maxin		ES A CS			
Barn 1	5/17/12	18 inches	Current Manure Level 4 inches		
Barn 2	5/17/12	18 inches	4 inches		
Barn 3	5/17/12	18 inches	6 inches		
Barn 4	5/17/12	18 inches	7 inches		

A new mortality disposal structure was completed in June 2009 and is currently in use. In barns 3 & 4, the pits are 24" deep; however, the maximum operating level is 18 inches. Barns 1 & 2 pits are 18" deep with 12" maximum operating level. Depths are recorded weekly in the operating record. A customized form to record weekly inspections of Barns 1-4, mortality disposal facility and ponds 1 and 2 is used. Barns 1 & 2 have scrapers with a sump pit that are each run once daily. Barns 3 & 4 have pull plugs. Drawings below are not to scale, but show an approximate location with an ID for each structure.

	West Pond	East Pond		
			mortality dispos	al facility constructed 6/09.
Liquid feed pit	Barn 3 loadout	Barn 4	4	
			1.00	1.29
Feed mixing room	Bam 1 Bam 2			4
•	Is there evidence in the operatin storage or treatment facilities for en Rule 901:10-2-08(A)(4)(e) & 901:10-2-16(A)(1)(a)(ii)	g record of rosion, leaka Yes	regular inspection regular inspection regular inspection regularity regularity regularity regularity regularity	ons of the manure e or discharge?
			_	_
•	Do the inspections match the freque			
	Rules 901:10-2-08(A)(1) and 901:10-2-16(A)(1)(a)(ii)	⊠ Yes	∐ No	□ N/A
•	Are these regular inspections prope	rly recorded	in the operating i	ecord?
	Rules 901:10-2-08(A)(4) and 901:10-2-16(A)(1)	⊠ Yes	□ No	□ N/A
Manure Stor	age Pond or Manure Treatment L	agoon		
•	Type of manure storage pond or	manure tr	eatment lagoon (and approximate
	dimensions) Rule 901:10-2-06			wpp. vanished
	(Check all that apply) Earthen manure storage pond	□ Fouthou		
	EZ mar enen manar e 2001 ale houd	Lartnen	manure treatment	iagoon

West Pond measurement at MOL (1.5') -132' x 220' x 7'. East Pond meas. at MOL (1.5')-127' x 103' x 4'.

soil, etc)) Estimated dimensions below.

(Explain number of ponds/lagoons, type of liner system installed (plastic, recompacted soil, in-situ

These dimensions were determined during an actual measurement on December 12, 2011 by Tom Menke and Neal Kremer. The measurements were verified by Christine Pence and Andy Ety on December 28, 2011. Based upon Menke's calculations of the ponds, it was determined that the west pond has a storage capacity of 1.23 million gallons at MOL and the east pond has a storage capacity of 693,000 gallons at MOL. Both ponds combined have around 240 days of storage. This differs from what was provided in the recently issued PTO and conflicts with what is required in the special provision #3 on the front page of this report and the PTO.

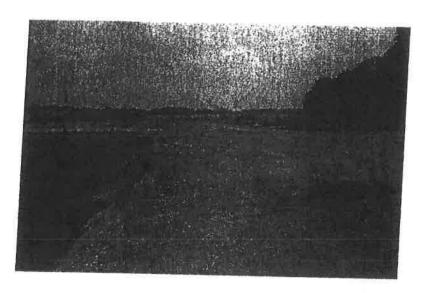
The following table was developed by Menke Consulting on December 29, 2011. Stake no. 1 (where the stake and ground meet) is the Maximum Operating Level stake at freeboard, which means there is no storage depth available and 0 volume remaining. An example of the stake number 5 observed in the west pond means 4 ft. of depth is available and 773,904 gallons of storage available, and so on. By counting stakes, you should then be able to write down the storage volume remaining for each pond. You'll have to interpolate the halfway point between the stakes to get the 6" (.5 ft.) in between stakes readings. The shaded area represents volume that has no stakes in place yet due to the fact that manure and/or solids need to be removed in order to install the gauges.

Storage Pond Capacity Chart

	West Pond Capacity			East Pond Capacity				
	Stake no. from top	Deptiz avzilable, ft.	Volume remulaing, gallons		Stake no. from top	Depti evallable, ft.	Voltane remaining, gallons	
	1 (MOU)	0.5	107 511		1 (MOL)	0 0.5	400 000	
	2	1	211.050		2	1 11	203.391	
	3	1.5	313,067 411 237		3		390,009	
	4	2.5	506.352 598,473			2.5	488 158	N Particular
	Commence of	3.5	687,643				577 798 664,847	36 at 12/12/11
	5	4.5	773,904 897,298		5		749.345	es Marvaria e a estas na lice
		S	937,896 ab	of tariari	ġ.	74.0	910,812	12/12/11 slucue depri
	7.7	0.6		MARKS.	7	ママスを発展し	987,848	
	Park Crass	11 1 TAS 5	1,163,032		30 SA 1	6.5	1134.667	
		THE RESERVE	128 770 12	12/11 Sluoge Jeson	8-7	1019	204,556	Į.
	91,		1.384.249	The second second	9 "	8	1,337,355	
	10		1.405,627				300 123	ž.
	ap	propriate (design stor	s of freeb rm, if the st (A)(4)(a), 901:10-	ructure is s	the volu	ime nee rainfall a	ded to contain the nd runoff?
					X Yes		No	□ N/A
	• Ar	e records r	naintained	l on storage	capacity o	r manure	volume?	
	Rule	901:10-2-16(A)(1)(a)(iii) & 901:1	0-2-06(A)(8) & 90		_	7	<u></u>
levels 1	in each pond	 The leve 	ls on May	²³ , 2012 ¹	were observ	to understa	cumented	N/A ecord current manure d by Christine Pence d the ground meet.
				ioda Hom v	nore the oo	tioni of the	stake all	u me ground meet.
Date	Structure)	Maximum	Op. Level	Gurrent A	lanure Level	Storage	Remainin	P.
5/15/12	West Pond	7.00 ore 0 1.232.714	lopmarker gallons	4 th stake d	own	D'remail	iling(; ; ;)	
5/17/12	East Pond	4 ft. or "0" 693,277 ga	top marker llons	2 nd stake d	own +4"	1'4" rem	aining	
	stora	here evide age or trea 1:10-2-08(A)(4)(tment faci	lities for er	g record of osion, leaks Yes	age, anima	inspection Il damago No	ons of the manure e or discharge?
	conv the n	eyances, di	iversion de rage pond	e operating evices and or manure	devices cha tr <u>ea</u> tment	nneling co lagoon?	ontamina	ons of stormwater ated stormwater to
	Kuic 901)(1 4)		Yes Yes	I	No	□ N/A
		e inspectio	ns match	the frequer	icy in the m		nagemen Vo	nt plan?
		1 ese regula :10-2-08(A)(1)	r inspectio	ons properl	y recorded Yes	in the ope		ecord?
	• Is the manu	level ind re storage	licator(s) pond or m	conspicuou anure trea	sly located tment lago	l and pro on?	perly fu	nctioning in the

		Rules 901:10-2-06(A)(2), 901:10-2-08(A)(4)(o) and 901:	10-2-1 <u>6(A)</u> (1)(a)(i)	
	By no later	than Sentember 15 2012 the		Y	es 🗌 No	□ N/A
	inside emb	than September 15, 2012, the eankments need to be graded are	wind the	stakes nee	ed to be better and	chored into the bank, the
	manure rem	oval.	ound the	stakes a	nu auditionai stak	es installed after further
		- T (1				
		 Is the vegetation near the properly maintained? 	manur	storage	pond or the ma	nure treatment lagoon
		Rule 901:10-2-08(A)(4)(j) & (k)		☐ Ye	. N	□ > ***
	In 2011, the	areas around the outer banks of	each of	the two r	No No No No No	N/A
	manure some	is and debris from the bonds and	l by nrer	aring acc	ess ramne into the	a nonda At the man-i
	mspection, w	de discussed the need to get these	areas c	leaned un	and the embanker	ents restored to provide
	ine necessary	manure storage and you agreed	to have	this done	During this inche	ection the embendments
	nad been repa	aneu, nowever the temporary det	ention ar	ea had no	it vet been regarde	d and no areas had been
	secued. By I	o later than September 15, 2012	these	reas shal	I be cleaned up r	econded and venetation
	be regraded a	In addition, the temporary deten- nd the area restored to its origina	tion area	between	the east manure p	ond and hog barn shall
		use uses restored to its origina	COMMITTE	<u> </u>		
	•	Are the maintenance inspe	ctions 1	or storn	iwater conveyan	ces, runoff diversion
		structures, devices channeling	ig conta	minated	stormwater, etc.	properly recorded in
		the operating record?			_	
		Rules 901:10-2-16(A)(1)(a)(v) & 901:10-2-08(A	.)(4)(i), (j)	⊠ Yes	□ No	□ N/A
					East pond level-	-5.23.12
		8, 31 ke (jej 11 to 10) 18 de jan 19 jej 1		146		
			e de la companya de l			
		***	14th also			
		11 Ban				
		Alex Door		1 to 1		
		et			-A	
			San	1		
West pone	d level-5.23.1	2		a L		
	A STATE OF THE PARTY OF THE PAR	WAR IN		Kir.		
	10/00/					
		**				
	电影					
		A STATE OF THE STA		~ 39.		
				8		
	沙雅 表。			. •		
	· · · · · · · · · · · · · · · · · · ·			100		
			100	10,00		
			A. Carrie	0.0		7
	CONTRACTOR OF THE PARTY OF THE		A - 140 - 6			,

Bare areas between ponds



V. MANURE MANAGEMENT

Is the schedule for manure removal or manure residual removal outlined in the Is the schedule for manufacture manure management plan?

Rules 901:10-2-08(A)(4)(g), 901:10-2-10(B), 901:10-2-16)(A)(1)(c)&((c) Yes

☐ No

□ N/A

the

List

Date	Field	Amount (gal)
3/23/11	Transferred Wabash Farm	74,792
3/24/11	Transferred to Celina Farm	62,373
3/31/11	Phoenix Farms	385,135
4/30/11	Transferred Wabash Farm	144,562
5/10/11	Transferred Wabash Farm	123,760
5/31/11	Transferred Wabash Farm	86,493
6/2/11	Phoenix Farms	402,656
7/10/11	Campbell	662,550
7/12/11	Prasuhn	637,350
10/16-11/2/11	Prasuhn	1,313,634
11/1-11/2/11	Campbell	573,121
	Total through 11/2/11	4,466,426
March 2012	Labig #2	698,899 g

number of acres utilized for land application. (Include both land that is owned and land that is leased).
Rules 901:10-2-09(C), 901:10-2-16(A)(1)(c)(ii)

Acres owned	
Acres leased	
Other land	
Total acres	476 acres in MMP

	 Was manure applied on snow-co 	vered or froz	en ground?	
		☐ Yes	⊠ No	□ N/A
	* If so, was the application s			_
		☐ Yes	∐ No	⊠ N/A
Distribu	tion and Utilization			
	• Is manure distributed through D			
M	fortality compost is not land applied, the n	☐ Yes naterial is haule	$igotimes_{igotimes$	□ N/A
	 If Distribution and Utilization Appendices A, B, F and the most manure? 	method of recent manure	manure remo	val was used, were to the recipient of the
	Rule 901:10-2-16(A)(1)(e)(iv) & 901:10-2-11(A)	Yes	□ No	⊠ N/A
	 Is the record for the Distribution operation record? 	n and Utiliza	ition of manur	e maintained in the
	Rule 901:10-2-16(A)(1)(e)(i)(ii)(iii) & 901:10-2-11(B)	☐ Yes	□ No	⊠ N/A
Soil Chara	acteristics			
	• Are all soil analysis properly rec years?	orded in the	operating reco	rd for the last five
G. T.	Rule 901:10-2-16(A)(1)(c)(vi) & 901:10-2-13(D) (The analysis records must be taken e	Yes very three year	S).	□ N/A
Soil tests we	ere available for review for those fields that	t received man	ure in 2011 and	in Spring, 2012.
	Are the soil samples representative sample representing no more than for each land application six.	twenty-five a	ication site with cres or one con	one composite soil
	for each land application site, which Rule 901:10-2-13(C)	ever is less?	□ No	□ N/A
•	Do any fields exceed 150 ppm of Pho Rules 901:10-2-14(D)(E)(3) & 901:10-2-16(A)(1)(c)(xiii)	sphorous on the	he BrayP1 test?	□ N/A
	* If so, list those fields. Only of Prasuhn Home Field 3C sample B taken	ne sample was n in 2010.	158 ppm (Mehli	ch III) for the
Nutrient Bud				
•	Is commercial fertilizer used? Rules 901:10-2-09(C)(2) * If so, list amount of commerci Rule 901:10-2-16(A)(1)(c)(xiv)	∑ Yes al fertilizer use	□ No	□ N/A
See note below	/.			
•	Are the date, rate, quantity and metho and source of manure, commercial fer properly recorded in the operating rec	tilizer, and/or	on of the nutries other organic b	ıt, and/or form y-products
		ord? ∑ Yes	□ No	□ N/A

The land receiving manure is owned/operated by others for purposes of crop production; however, cropping records and fertilizer records must be maintained in the facility's Operating Records since the facility controls the manure application. During this inspection, the cropping records for those fields receiving manure in 2011 and so far in 2012 were available for review.

Cropping Schedules				
• Is the cropping schedule properly recorded in the operation of the second schedule Pol:10-2-16(A)(1)(c)(viii)	for each site, in erating record? Yes			year
			□ N/A	
• Is the crop yield for each site Rule 901:10-2-16(A)(1)(c)(ix)	properly record Yes	ed in the operat	ing record?	
• Is the actual crop yield for ea Rule 901:10-2-16(A)(1)(c)(xi) In 2012, there are at least 100 acres of wheat place.	IVI Vac	1 70.7	operating record?	
Application Records				
• If liquid manure is applied, ar Rule 901:10-2-16(A)(1)(c)(iv) Manure application records are maintained with Kremer's name is on manure application form records.	Vest Vremer's	No No	☐ N/A ds. Neal and/or Ro the manure applica	omie ition
	(a)[Winter only] Yes	No [] N/A	
 Has the equipment for land a recorded in the operating recorded 	pplication been i d?	nspected, main	tained and prope	rly
Rules 901:10-2-08(A)(2)	⊠ Yes	☐ No	□ N/A	
 Are there records in the operations such as soil cracks? 	ing record on soi	conditions at	times of application	n,
Rule 901:10-2-16(A)(1)(c) (xvi)	⊠ Yes	□ No	□ N/A	
 Are application rates and nutral nitrogen and phosphorus? 	ients applied in	accordance w	ith ODA rules fo	or
Rule 901:10-2-14(D),(E)		□ No	□ N/A	
 Are liquid application rates based Rule 901:10-2-14(C)(1)(d) 	l on the Available Yes	e Water Capaci	ty chart?	
 Are there records of general wear before and after manure application 	ther conditions, t	emperature an	d rainfall 24 hours	s
Rules 901:10-2-12 and 901:10-2-16(A)(1)(c)(xvii)	ons≀ ⊠ Yes	□ No	□ N/A	

Manure application records are maintained along with Neal Kremer's Operating Records. Neal and/or Romie Kremer's name is on manure application form records. Kyle Stegall assists with the manure application records.

Are setbacks maintained and Appendix A of Rule 901:10-2-14 and Rule 901:1	properly recor	ded in the oper	ation record?
TO THE SOURCE STATE AND PAGE SOUR	Yes	□ No	□ N/A
 Is there evidence of documente Rules 901:10-2-14, including Appendix A and 901 	ed use of vegeta :10-2-16(A)(1)(c)(vii)	ative cover to p	rotect stream channels?
	⊠ Yes	□ No	□ N/A
VI. INSECT AN	D RODENT	CONTROL	
• Is the insect and rodent con	trol plan pro	perly impleme	nted by the owner or
operator of manager:		production of the second of th	nted by the owner or
Rule 901:10-2-19 & 901:10-2-16(A)(1)(a)(viii))	⊠ Yes	□ No	□ N/A
 Does the insect and rodent of examine pest's populations and 	control plan d	lescribe the in	spection frequency to
Rule 901:2-19(B)(3)(a)(i)	⊠ Yes	□ No	□ N/A
• Are these inspections properly re Rule 901:10-2-19(B)(3)(a)(iii) Comments: Weekly visual inspections are recorded ODA's Form 8A and B weekly, with one form used and outside of the facility. • Is proper maintenance of the recorded of the second outside of the facility.	∀Yes d by Kyle show d for each barn.	☐ No ing few to no ing Bait stations are	N/A sects. Currently using used around the inside
record?	atering system	properly recor	rded in the operating
Rule 901:10-2-19(B)(3)(a)(ii)		□ No	□ N/A
 Are daily inspections of drinking operating record? 	ng water lines	being made a	and recorded in the
Rule 901:10-2-08(A)(4)(n) & 901:10-2-19(B)(3)(a)(ii)	⊠ Yes	☐ No	□ N/A
VII. MORTALITY	Y MANAGEN	MENT	
• What type of mortality management Rule 901:10-2-15 and 901:10-2-16(A)(1)(f)(i) There is a 4-bay concrete structure used to compost more	nt does the faci	lity have?	o a landfill.
 Are there inspection records pr mortality? 	operly record	led in the op	erating record on
Rules 901:10-2-15 and 901:10-2-16(A)(1)(f)(ii)		□ No	□ N/A
 Are Best Management Practices being 	ng utilized?		
	₩	☐ No	□ N/A
Carefully monitor the areas around the concrete structuvegetation maintained.	re to ensure pos	ssible leachate is	contained and

VIII. OPERATING RECORD - GENERAL

Are all operating records up-to- Rules 901:10-2-08 and 901:10-2-16	date and availal	hle for review L	41
Rules 901:10-2-08 and 901:10-2-16	⊠ Yes	□ No	y the inspector?
• Is a copy of the RCC, PTI, PTO located in the site office? Rule 901:10-2-01(B)(3) for PTI 901:10-2-07(E) for PTO & NPDES	and/or NPDES	permit with the	e operating record o
901:10-1-07 for RCC as being part of PTO	⊠ Yes	☐ No	□ N/A
Have the operating records been of five years?	retained by the	owner or oper	ator for a minimum
Rule 901:10-2-16(A)(1)	⊠ Yes	□ No	□ N/A
• Since the last inspection, have any Rule 901:10-1-09(F) As required by your permit provision, a minimum of the build-up of solids in the existing manure storage solids, additional solids remain in both ponds. Menton the ponds after solid's removal ceased last year a storage available, which is less than the requirement ponds after solid removal ceased last year, it was que if all solids were removed from the ponds. Therefore, storage levels until such time a determination is made and/or additional manure storage to be constructed, of you presently have is sufficient enough storage to prodecision may likely require additional permitting or a new accordance of the sufficient enough storage to prodecision may likely require additional permitting or a new accordance of the sufficient enough storage to prodecision may likely require additional permitting or a new accordance of the sufficient enough storage to prodecision may likely require additional permitting or a new accordance of the sufficient enough storage to prodecision may likely require additional permitting or a new accordance of the sufficient enough storage to produce the sufficient enough storage to produ	is 365 days of store ponds. As progress, as	A No rage was to be access was made la rovided storage of our have approxi Based on ODA er 365 days coul ill continue to me er require addition ines that the liquities that the liquities existing PTO.	N/A chieved by removing st year on removing volume calculations mately 240 days of s's inspection of the d be achieved even conitor your manure conal solids removal aid storage volume t that time, ODA's
Water Quality Impacts			
• Is there evidence of actual offsite disc Rules 901:10-2-08 and 901:10-2-16(A)(1)(a)	Yes	⊠ No	□ N/A
Rules 901:10-2-08 and 901:10-2-16 In 2011, the areas around the outer banks of each of the manure solids and debris from the ponds and by prepari inspection, we discussed the need to get these areas clear the necessary manure storage and you agreed to have this had been repaired; however the temporary detention area seeded. By no later than September 15, 2012, these area established. In addition, the temporary detention area be be regraded and the area restored to its original condition. Is the water well location maintained in Rule 901:10-2-02(A)(1)&(2)	Yes e two ponds had ing access ramps ned up and the e s done. During t had not yet beer as shall be clear etween the east r	No been disturbed s into the ponds. embankments res his inspection, the regarded and no ned up, reseeded manure pond and ner to avoid com	At the previous stored to provide the embankments of areas had been and vegetation hog barn shall
 Facility upkeep and general appearance Above average Below average 	: e 🛭 Avera		

Describe the upkeep and general appearance of the following:

SWE SWE STANDARD VEG AMBIDDED AND A SWEET	Control of the Contro			or the	following:
	Above	Average	(2001) 1 K.25519-EASOS #62360	SELECTION OF THE PARTY OF THE P	r Comments
Diversion Ditches	Average	G Meldersteine	Average	特別 能量	
Diversion Dikes	第14年時間900	是一种证明和主义	即於時期	器 条款债	帝 福爾斯學用作用於如此此次為於如1
Bernis	# C#SC1940030	A registration of the	W Sales Avenue		
Embankments	Se hope were store	S CHARGE IN	图 强岭东北级	部海影響	是 医皮肤的 水流 医皮肤 医水杨素
Pipe Runs	to the literature	X	Sel Cold of the state of	C 10 10 2	
Grassed Waterways	THE ADDRESS	S PROPERTY OF	是可以是問題	图 图 图	5. 多种种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一
Vegetative Cover	o politico de la constitución de	S FAR AND SHEET	10 10 10 10 10 10 10 10 10 10 10 10 10 1	- William	
是1500 00 14 16 16 16 16 16 16 16 16 16 16 16 16 16		X		Barrier III	Disturbed areas need to be 11
Contour Grass Strips		CLOSE SUPPLIES TO SE	新加州市市中央	of the state of	restored.
Settling Basins	CEPTS MONTH	ALCAIGH-GREE	Selfa brankerer	Salar and Salar	D ON THE WILL AS A STATE OF THE PARTY OF THE
Feed System	X	A A MANUSER PORT	13年40年9月	10110	福州國際語》於於大學之所謂為於
Storage Areas	CHE KINX XIENCE	SESTIMATION OF THE	SHAP FRANK	ARREST CONTRACT	
Watering System	X	2013/97/4/3000	(建型無代表) 石油	A CONTRACTOR	
Walkways or Walk Areas Inside Building	A SERVICE	STREET AND A STREET	CHARLES ALTHOUGH	CONTRACTOR OF	Records only
Walkways or Walk Areas Outside Building	X	SAN STREET, (SAN)	CARRESCO ACARTER	建新新地址	Did not enter barns
reed Alleys	1. 2. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	高斯特金小型 與	1006-515-4 P-029	(SNOTE SE	303.80/A 2 Tark / W 185 2 OT 100
Chemicals	ACAD THE RESIDENCE	CHEST POLICE PROPERTY.	DRWS NO THESE	经代表 标合	And the second s
Screens	15 中海水体和	A Library West	WARTER SOUTH	38.46.0931.79	Word Date Control of C
Ventilation Systems, i.e. Fans	X	Security and all the second	母亲的是"以 ESP.	SON EPAR	建筑的形式的建筑的 是一种工作。
Others					

X. SUMMARY

•	Were the results of the inspection or representative or livestock manager?	discussed	with	the	owner,	operator,	manager,
	701	⊠ Yes			No	□ N/	'A

The results will be sent to either the owner, operator, manager, representative or livestock manager.

As required by your permit provision, a minimum of 365 days of storage was to be achieved by removing the build-up of solids in the existing manure storage ponds. As progress was made last year on removing solids, additional solids remain in both ponds. Menke Consulting provided storage volume calculations on the ponds after solid's removal ceased last year and determined you have approximately 240 days of storage available, which is less than the requirement of your PTO. Based on ODA's inspection of the ponds after solid removal ceased last year, it was questionable whether 365 days could be achieved even if all solids were removed from the ponds. Therefore, ODA-DLEP will continue to monitor your manure storage levels until such time a determination is made that would either require additional solids removal and/or additional manure storage to be constructed, or ODA determines that the liquid storage volume you presently have is sufficient enough storage to properly manage your manure. At that time, ODA's decision may likely require additional permitting or a modification to the existing PTO.

Required Actions:

- By no later than <u>September 15, 2012</u>, the existing stakes need to be better anchored into the bank, the inside embankments need to be graded around the stakes and additional stakes installed after further manure removal.
- By no later than <u>September 15, 2012</u>, the bare areas near the manure storage ponds shall be
 cleaned up, reseeded and vegetation established. In addition, the temporary detention area between
 the east manure pond and hog barn shall be regraded and the area restored to its original condition.
- Manure tests will be due prior to removal this summer.

"I certify that this information was reviewed by the inspector and/or the owner, operator, manager, representative or livestock manager of the facility." Signature of Owner, Operator, Manager, Date Representative or Livestock Manager Christine Pence 5/23/2012 Signature of Inspector Date

• The May 12, 2012 Nitrate results were not yet returned. Have these available at the next routine

inspection in 2012.

The draft inspection report was signed by Neal Kremer and Christine Pence. Also present for the inspection was Kyle Stegall.

Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068

Phone: 614-387-0470 • Fax: 614-728-6335 www.agri.ohio.gov • lepp@agri.ohio.gov

July 13, 2012

Neal Kremer 9159 State Route 118 Ansonia, OH 45303

RE: 1st of 2 inspections for 2012

Dear Mr. Kremer:

This letter is to document the Ohio Department of Agriculture, Division of Livestock Environmental Permitting's May 23, 2012 inspection of Neal Kremer hog facility. The facility that was inspected is located in Section 35 of Brown Township in Darke County, Stillwater River Watershed. Attached, please find a copy of the Ohio Department of Agriculture's written follow-up report.

The Permit To Operate was issued on November 2, 2011. The Mortality Management Plan and Insect and Rodent Control Plan (IRCP) are being implemented and inspections are recorded in the operating record. In 2012 through May 23, there are records of 698,899 gallons of manure removed, under your control, from the facility.

As required by your permit provision, a minimum of 365 days of storage was to be achieved by removing the build-up of solids in the existing manure storage ponds. As progress was made last year (2011) on removing solids, additional solids remain in both ponds. Menke Consulting provided storage volume calculations on the ponds after solid's removal ceased last year and determined you have approximately 240 days of storage available, which is less than the requirement of your PTO. Based on ODA's inspection of the ponds after solid removal ceased last year, it was questionable whether 365 days could be achieved even if all solids were removed from the ponds. Therefore, ODA-DLEP will continue to monitor your manure storage levels until such time a determination is made that would either require additional solids removal and/or additional manure storage to be constructed, or ODA determines that the liquid storage volume you presently have is sufficient enough storage to properly manage your manure. At that time, ODA's decision may likely require additional permitting or a modification to the existing PTO.

Listed below are required actions noted in the inspection report:

- By no later than <u>September 15, 2012</u>, the existing stakes need to be better anchored into the bank, the inside embankments need to be graded around the stakes and additional stakes installed after further manure removal.
- By no later than <u>September 15, 2012</u>, the bare areas near the manure storage ponds shall be cleaned up, reseeded and vegetation established. In addition, the temporary detention area between the east manure pond and hog barn shall be regraded and the area restored to its original condition.
- Manure tests will be due prior to removal this summer.
- The May 12, 2012 Nitrate results were not yet returned. Have these available at the next routine inspection in 2012.





Should you have questions regarding this report, please feel free to call me at 614-778-4661 or via e-mail at cpence@agri.ohio.gov.

Sincerely,



Christine Pence Livestock Environmental Inspector

Enclosure

CC: Cathy Alexander, Ohio EPA
Greg McGlinch, Darke SWCD
ODNR-DSWR
Kevin Elder, DLEP Chief
Andy Ety, DLEP Engineer
Kelly McCloud, Assistant Attorney General







Division of Livestock Environmental Permitting A.B. Graham Building 8995 East Main Street, Reynoldsburg, OH 43068 Phone: 614-387-0470 * Fax: 614-728-6335 www.agri.ohio.gov * lepp@agri.ohio.gov

INSPECTION FORM I. FACILITY INFORMATION

Name of Inspector: Christine Pence Inspection Start Time: 1:00 p.m.	Date of Inspection: May 24, 2012 Inspection End Time: 4:00 p.m.
Purpose of Inspection: 1st Routine 2nd Routine Partial	Complaint Enforcement Other
Facility: Rule 901:10-2-01(C)(1) Wenning Poultry Farm 1596 Union City Road Ft. Recovery, Ohio 45846	
Owner/Operator: Rule 901:10-2-01(C)(1) Jim and Mary Wenning 1500 Union City Road Ft. Recovery, Ohio 45846 419-375-4781	Contact Person (if not owner\operator):
419-375-0018 (egg room) marjimw@verizon.net PERMIT NUMBER: PTI and PTO# 54-024-PTExpiration Date: PTO-April 28, 2014	ГО-001
Permit Modification: Date Effective: Rule 901:10-1-01(FFF)	
Major Operational Changes: Installation of a of the existing anaerobic digester. This does not during this inspection. Date Effective: June 29, 2011 Appendix to Rule 901:10-1-09	Nutrient Recovery Aeration Pit to improve performance increase manure storage by 10%. Completed and in use
Livestock Manager Name: James Wenning, Working 901:10-1-06 Certificate Number: #182 Date of Expiration of Certificate: December 31, Rule 901:10-5-02(B)	
Biosecurity Information: 48 hour no prior expos Records inspection at home office. Drove around	ure to birds. Did not inspect inside any poultry barns. manure storage barns.
Inspector followed facility or industry biosecur whichever is more stringent	ity plan 🛛 Yes 🗌 No 🔲 N/A

II. FACILITY OPERATION INFORMATION

Number and Type of Animals
Rule 901:10-2-01(C)(2) and 901:10-1-07(A)(2)

Animal Type	Existing Number of Animals (leave blank if new)	Maximum Numbe of Animals (for new or expanding)	
Slaughter and feeder cattle			
Dairy heifers			
Mature cows (milked or dry)			
Swine Over 55 pounds			
Swine Under 55 pounds			
Horses			
Sheep or lambs			
Turkeys			
Laying hens	919,583	1,241,308	
Broilers			
Duck			
Pullets	122,840	125,000	
Others:			

PTI and PTO issued on April 28, 2009 to include construction of a new Pullet barn on the west side of Barger Road. The first group of pullets were stocked on October 2, 2009.

A new well was installed at the pullet site. The pullet barn is belt battery, with manure conveyed to the rear of the barn, then transferred to the manure storage barn at the main facility. At the main layer facility

- Buildings 1 through 4 will maintain a maximum design capacity of 102,000 laying hens each, until the remodeling of these barns is complete to house 174,327 birds each.
- Building 5 will maintain a maximum design capacity of 150,000 laying hens; no additional laying hens may be housed in building 5.
- Barn 6 will have a total maximum design capacity of 394,000 laying hens, with 98,000-100,000 housed in each "section".
- The total design capacity of this layer facility is 1,241,308 and the new pullet barn has a total design capacity of 125,000 birds.

Number of Employees: 10 Type of Feed System: Dry

III. WATER SYSTEM

Water	Supply	Sources
Rule 901:10-		

•	Is there a well located at the facility? How Many: 3	⊠ Yes	□ No	□ N/A		
•	Is water treatment used:	⊠ Yes	□ No	□ N/A		
	If so, where does backflush water go? To a ground sand leach bed (2 ft. of sand base), then to tile. One backflush has been changed to flow across top of vegetation.					

Drinking Groundwater Sampling

	 Are records of the gr 	oundwate	r samp	ling analy	sis properly r	ecorded in	the operation			
	record?			⊠ Yes	□ No] N/A			
	List the dates of the las	t samples	taken.							
	Groundwater Sample Results									
		Date	Well	Nitrate	TCR	1				
		6/24/10	6	<.1 mg/l	Neg	1				
		6/24/10	Pullet	<.1 mg/l	Neg	1				
		6/24/10	1	<.1 mg/l	Neg					
		1/5/12	1	<.1 mg/l	Neg					
		1/5/12	2	.14 mg/l	Not sampled					
¥7										
24	must resample the wells	for both n	itrates	and total	coliform bac	teria again	on or around June			
24,	2012 to remain on an annu	al sampli	ng cycle	2.						
C	own Jane Acor B. Committee									
Gre	oundwater Monitoring									
901:10	0-2-08(A)(4)(l)(i)&(ii), 901:10-2-03(A)(2)(e									
	A re-groundwater moni	toring	II			71	—			
,	 Are groundwater moni If yes, list results. 	toring we	us requ	iirea? 📋	Yes 2	No	□ N/A			
	ii yes, list lesuits.									
Aan	icultural Drainage Well									
_	· ·	l		8						
901:10-	-2-02(A)									
	Is there indication of an	ogrioulte	wal dua	inaga wal	Class V mal	IIV a.s. 41. s ss	4 0			
_	is there indication of an	agricuitt	irai ura							
				ا ليا	Yes ∑	No	∐ N/A			
	If yes, is the agricultural	drainaga u	roll lileol	lu to hous						
	11 yes, is the agricultural (mamage w	CII IIKC			1 mr.	N7 27/4			
				I	Les	No	⊠ N/A			
Vasi	tewater									
1:10-2	-08(A)(4)(d)									
	T 41			. –	_		W3			
•	Is there a sanitary permi	it for this	facility	? Y	es 🖂	No	□ N/A			
	o If yes, does the sa	nitary go t	o the m	anure stora						
	- If !- !4 !4					No	□ N/A			
	o If yes, is it permitt	ted to do so	0?	Y	es 📙	No	⊠ N/A			
	T. 41			_						
•	Is there proper storage a	nd contail	nment o							
				⊠ Ye		No	□ N/A			
•	Is there proper storage at	nd contair	iment o							
				⊠ Ye		No	□ N/A			
	Is there proper storage an	id contain	ment o	f ve <u>hi</u> cle f	luids?					
*				⊠ Ye		No	□ N/A			
•	Is there proper storage an	id disposa	l of vet	erinary su	pplies?					
				⊠ Ye		Йo	□ N/A			
•	Do any of the above go to	the manu	re stora	ige area?						
*1	Rule 901:10-2-10(A)(4)(d)			Yes		No.	□ N/A			

IV. MANURE STORAGE AND TREATMENT FACILITIES

Rule	pe of Manure 901:10-2-10(A)		,	∐Liquid	⊠ So			
(6)	(Check all that apply)					lid		
• An	nual manure s 901:10-2-10(C), 901:	analysis o 1 10-2-16(A)(1)(b)	n File? [Yes	⊠ No			I/A
194		Man	ure Sample	Results		14		
	Туре	Date	Moisture %		Organic N	P ₂ O ₅	K ₂ O	7
	ster solids	3/17/10	65.16	9.44	8.12	42.78	8.22	1
Ray	v Mamure	6/24/10	55.89	4.7	30.1	35.82	25.32	
Eggwash	digested liquid	11/16/10	99.36	3.22	.42	1.35	2.96	1
	ster solids	2/17/11	70.53	11.38	9.82	31.36	11.5	1
	v manure	2/9/11	66.09	6.7	38.28	26.86	17.16	
Wa	shwater	12/8/11	99.65	<.01	1.85	.16	2.01	1
	RM sample)	7/13/11	60.13	17.74	28.72	32.54	20.58	1
Barn 6 (5	SRM sample)	7/13/11	32.31	8,28	48.78	60.96	38.78	1
	Raw	5/21/12	36.33	3.34	34.3	57.44	34 26	
As a reminder, you minimum.	are required	to sample	both liquid a	nd solid	manure at l	east on	ce anni	ially, at
Fabricated Structu Type	abricated struct anure treatment re of fabricated	eck all that ture	apply) Manure Combina	storage po	ond			
☐ De ☐ Hi ☐ Oti ☑ Oti ☑ Is the		lg. k-Digester ninimum o	Concrete Above gr Manure s Compact	storage ba ed earther for all sto	(metal/conc rn (for belt-b n floor concre	attery, ete pit	etc)	g liquid
	10-2-05, 901:10-2-08(es	□ No		N/A	
• Are re	cords maintai 0-2-16A)(I)(a)(iii)	ned on sto		y or man	ure volume?	,] N/A	
Structure	Date	Maximu	m Operating		Current M	[anure		1 -
MS Barn	12/1/11		$00 \text{ tons} \sim 15.$			0%	LICVEI	1
Compost barn	12/1/11		$\frac{600 \text{ tons} \sim 13.0}{25 \text{ tons} \sim 3'}$	-				1
Digester	12/1/11					5%		1
MS Barn	12/1/11		mill. gallons		Constant lev	el main	tained	1
Compost barn	*							
Compost barn					*)			[

is hauled to the MS barn at the main facility and used in the digester. During this inspection, Jim indicated that approximately 35 tons/day are added to the digester. Is there evidence in the operating record of regular inspections of the manure storage or treatment facilities for erosion, leakage, animal damage or discharge? Rule 901:10-2-08(A)(4)(e) & 901:10-2-16(A)(1)(a)(ii) Yes X No □ N/A *During this inspection, there was a lack of the required monthly inspection records for the solid manure storage structures since December, 2011. See additional notes at bottom of page 4. Do the inspections match the frequency in the manure management plan? Rules 901:10-2-08(A)(1) and 901:10-2-16(A)(1)(a)(ii) Yes X No \square N/A Are these regular inspections properly recorded in the operating record? Rules 901:10-2-08(A)(4) and 901:10-2-16(A)(1) Yes X No \square N/A Manure Storage Pond or Manure Treatment Lagoon Type of manure storage pond or manure treatment lagoon (and approximate dimensions) Rule 901:10-2-06 (Check all that apply) Earthen manure storage pond Earthen manure treatment lagoon (Explain number of ponds/lagoons, type of liner system installed (plastic, recompacted soil, in-situ soil, etc)) Is there twelve-inches of freeboard, plus the volume needed to contain the appropriate design storm, if the structure is subject to rainfall and runoff? Rules 901:10-2-06(A)(2), 901:10-2-08(A)(4)(a), 901:10-2-16(A)(1)(a)(1) □ No \square N/A Are records maintained on storage capacity or manure volume? Rule 901:10-2-16(A)(1)(a)(iii) & 901:10-2-06(A)(8) & 901:10-2-08(A)(4)(c) X Yes □ No □ N/A Structure Date **Maximum Operating Level Current Manure Level** Egg wash pond 12/1/11 12.5 11'6" Egg wash pond 5/21/12 12.5 5'6" Is there evidence in the operating record of regular inspections of the manure storage or treatment facilities for erosion, leakage, animal damage or discharge? Rule 901:10-2-08(A)(4)(e) & 901:10-2-16(A)(1)(a)(ii) ⊠ Yes No Is there evidence in the operating record of weekly inspections of stormwater conveyances, diversion devices and devices channeling contaminated stormwater to the manure storage pond or manure treatment lagoon? Rule 901:10-2-16(A)(1)(a)(iv) X Yes □ N/A Do the inspections match the frequency in the manure management plan?

*During this inspection, there was a lack of the required monthly inspection records for the solid manure storage structures since December, 2011. A blank inspection form was e-mailed to you

The pullet barn's area where manure is conveyed is emptied at least once per week. The manure

after this inspection, and on June 18, 2012.

	Rules 901:10-2-08(A)(1))	⊠ Yes	☐ No	□ N/A
	• Are these regular inspections pro Rules 901:10-2-08(A)(1)	operly recorded Yes	in the operation No	ng record?
	 Is the level indicator(s) conspi manure storage pond or manure Rules 901:10-2-06(A)(2), 901:10-2-08(A)(4)(o) and 90 	treatment lagor	and propert	y functioning in the
Maximum O	nski, ODA-DLEP engineer, conducted perating Level of the pond down 1'6' the existing device.	⊠Yes Ia survev on D	No ecember 10, 20 f the bank, whi	□ N/A 009 and identified the ich corresponds to the
•	Is the vegetation near the manu properly maintained?	re storage pond	l or the manu	re treatment lagoon
	Rule 901:10-2-08(A)(4)(j) & (k)	⊠ Yes	□ No	□ N/A
•	Are the maintenance inspection structures, devices channeling couthe operating record?	s for stormwat ntaminated stor	er conveyance mwater, etc. p	es, runoff diversion properly recorded in
	Rules 901:10-2-16(A)(1)(a)(v) & 901:10-2-08(A)(4)(i), (i) Yes	□ No	□ N/A
	V. MANURE	MANAGEMEI	T	
•	Is the schedule for manure remo manure management plan?		residual remo	val outlined in the
	Rules 901:10-2-08(A)(4)(g), 901:10-2-10(B), 901:10-2-16	(i)(A)(1)(c)&((e) Yes	☐ No	□ N/A
•	List the number of acres utilized fo owned and land that is leased). Rules 901:10-2-09(C), 901:10-2-16(A)(1)(c)(ii)	r land applicatio	on. (Include be	oth land that is
	Acres owned Acres leased Other land Total acres	100		
used for the du facility. ANY lincluded in the l	10-2-09 (C) states that to the extent the manure management plan shall include ration of the permit and the land that and under the control of the facility MMP and the operating record and can ES rules are finalized, any changes in	he manure is not the total summant is available for that will be used presently be add	ary of land app r manure that i l for manure a led as an operat	lication areas to be s generated by the pplication must be tional change. Note
• '	Was manure applied on snow-covere	ed or frozen grou	ınd? ⊠ No	□ N/A
• I	f so, was the application site approved	for application?	□No	⊠ N/A

Distribution & Utilization

• Is manure distributed through Distribution and Utilization methods?							
Comments: So Wennings.	olid manure is sol	d. Typically	, liquid is ap _l		⊠ No r control/own	N/A ership of	
•	If Distribution Appendices A, manure?	n and Uti B, F and th	lization me le most rece	ethod of manus nt manure analys	re removal sis given to th	was used, were ne recipient of the	
	Rule 901:10-2-16(A)(1)(e)(iv) & 901:10-2-	11(A)	Yes	No	□ N/A	
•	Is the record operation record	for the Dis	stribution a	nd Utilization o	f manure m	aintained in the	
	Rule 901:10-2-16(A)(1)(e		0-2-11/B)	☐ Yes	No	□ N/A	
	Date	Source	Amount	Destina			
	2010	Source	12,092 1	Solo			
	1/15/10	Liquid	150,000 g	Kahlig, (r.	
	11/10	Liquid	200,000 g	Individual,			
	2011	solid	19,984 t	Sold			
	May, 2011*	Liquid	200,000 g	No reco			
	1/19/12	Liquid	300,000 g	Applied to 75 A	W of pond		
	2012**	Solid					
removed as soon	o for review, inclusion as ground condiction of the property o	iding a signe tions allowe evious inspe	ed D&U Agr ed. You were ection and b	emoved through leement. More lique emailed a reque efore the final relations of the least to C	uid manure west to send this	as planned to be s information on	
**In 2012, Wenn is weighed empty provided. The Cl required to mainta	Muli and those number in the LM receiving the	umbers are manure ma	documented aintains the	; however, there records of tons o	were no tonne	age calculations	
Soil Characterist	ics						
ye	re all soil analy ears? e 901:10-2-16(A)(1)(c)(vi)			in the operatin		_	
Soil analyses cond	The analysis recor	ds must be t	taken every t	Yes	_] N/A -228 #/ac.	
• Ar sai for	e the soil sample mple representir each land appli	es represent ng no more	tative of a la than twent whichever is	and application s y-five acres or of s less?	ite with one cone composit	composite soil e soil sample	
Kule	901:10-2-13(C)		\boxtimes	Yes 🔲 N	10	N/A	

As a reminder, ANY land under the control of be included in the MMP.	f the facility that will	l be used for ma	nure application must
• Do any fields exceed 150 pp Rules 901:10-2-14(D)(E)(3) & 901:10-2-16(A * If so, list those field)(1)(c)(xiii) Yes	on the BrayP1 (No	test?
Nutrient Budget			
• Is commercial fertilizer used Rules 901:10-2-09(C)(2) * If so, list amount of Rule 901:10-2-16(A)(1)(c)(xiv) Comments: Records maintained in the Op. Rec	Yes commercial fertilizer	□ No	□ N /A
• Are the date, rate, quantity and source of manure, con properly recorded in the operation of the source of manure. Rulo 901:10-2-16(A)(1)(c)(xiv) Comments: Records maintained in the Op. Records.	and method of appl nmercial fertilizer, rating record?	lication of the and/or other	nutrient, and/or form organic by-products
Cropping Schedules			
 Is the cropping schedule for properly recorded in the operation. Rule 901:10-2-16(A)(1)(c)(viii) 	r each site, includating record?	ling past year	and present year,
• Is the crop yield for each site p Rule 901:10-2-16(A)(1)(c)(ix)	properly recorded in Yes	the operating	record?
• Is the actual crop yield for each Rule 901:10-2-16(A)(1)(c)(xi)	h site properly reco Yes	rded in the ope	rating record?
Application Records			
• If liquid manure is applied, are Rule 901:10-2-16(A)(1)(c)(iv) Available if needed.	drain plugs being u	ised? No	⊠ N/A
• If liquid manure is applied, are in the operating record? Rule 901:10-2-16(A)(1)(c)(iii) & 901:10-2-14(G)(2)(surface drains	properly recorded
Liquid has been removed throug	☐ Yes gh D&U recently.	□ No	⊠ N/A
 Has the equipment for land ap recorded in the operating record 	plication been insp ?	ected, maintai	ned and properly
Rules 901:10-2-08(A)(2)	☐ Yes	□ No	⊠ N/A
 Are there records in the operations such as soil cracks? 	ng record on soil co	nditions at tim	es of application,
Rule 901:10-2-16(A)(1)(c) (xvi)	☐ Yes	□ No	⊠ N/A

	•	Are application nitrogen and pl	n rates and	nutrien	ts applied	in accordan	ce with	ODA :	rules for
		Rule 901:10-2-14(D),(E)	lospiioi us.		☐ Yes	□ No		⊠ N/A	
	•	Are liquid appli	antion mater	boood om	2 41h a - A •11 - 1				
		Are liquid appli Rule 901:10-2-14(C)(1)(d))	Dased Of	Yes Yes	ble Water C		hart? ⊠ N/A	
	•	Are there record	ds of general	weathe	r conditions	, temperatu	re and ra	infall 2	24 hours
		before and after			_		K		
		Rules 901:10-2-12 and 901	:10-2-16(A)(1)(c)(xv	11)	Yes	☐ No		⊠ N/A	
	•	Are setbacks ma Appendix A of Rule 901:10	intained and -2-14 and Rule 901:	properl	y recorded	in the opera	tion recor	·d?	
			51	()(-)	Yes	□ No		N/A	
	•	Is there evidence Rules 901:10-2-14, including	of document	ed use o	f vegetative	cover to pro	tect strea	m cha	nnels?
		,,	, appointed to make yo	1.10-2-10(A)	Yes	☐ No	\triangleright	N/A	
		VI.	INSECT A	VD ROI	DENT CO	NTROL			
	• 1	s the insect on	d madam4						
	0	s the insect and perator or mana	a rodent co: ger?	ntroi pi	an properi	y implemen	ted by t	he ow	ner or
		ule 901:10-2-19 & 901:10-2		ı	⊠ Yes	□ No		N/A	
,	• D	oes the insect	and rodent	control	plan descr	ibe the ins	pection 1	freque	icy to
		kamine pest's po do 901:2-19(B)(3)(a)(i)	pulations and		tivities? X Yes				
	140	10 301.2-15(B)(3)(B)(1)		L	△ 1 es	∐ No		N/A	
	A	re these inspectio	ns properly	recorde	l in the one	rating record	1?		
	Rui	le 901:10-2-19(B)(3)(a)(iii)			Yes	☐ No	_	N/A	
Operating Re	cords		(DDA insi	oection resul	ts			
Date Barn		ies Larvae	Beneficials	Date	Barn	Flies	Larvae	Benef	icials
Under threshol	d leve	I for treatment on s	pec cards.	5/24/12	(Ourside)	F.	n/a	n/av	
Comments: O	ne sh	eet is used per ha	m/day Watan	line shee	les Const				
inspections ar	e reco	eet is used per bar orded.	may. water	ine chec	ks, ian chec	ks, mortality,	rodents a	nd othe	er
* During this i	insne	ction there were v	very favy flica	ohaomio	رعاد الالاساما	.			
formerly used	to co	ction, there were ware ware ware ware ware ware w	nd outside of	the south	ouiside of the t	ne manure st	orage barr	n, the b	arn
properly treat	flies,	specifically in the	se areas. The	PTO ind	icates bait w	ill be used.	arefully II	IOIIIIOF	ang
•	Is p	oroper maintena ord?	nce of the w	atering	system pro	perly record	ed in the	opera	iting
		01:10-2-19(B)(3)(a)(ii)		\boxtimes	Yes	□ No	□N	// A	
	Amo	doily increased			¥1 -	_	_		
•	ope	daily inspection rating record?	is oi arinki	ng wate	r lines bei	ng made an	d record	led in	the

Rulo	901:10-2-08(A)(4)(n)	&	901:10-2-19(B)(3)(a)(ii)
			· · · · · · · · · · · · · · · · ·

⊠ Yes

☐ No

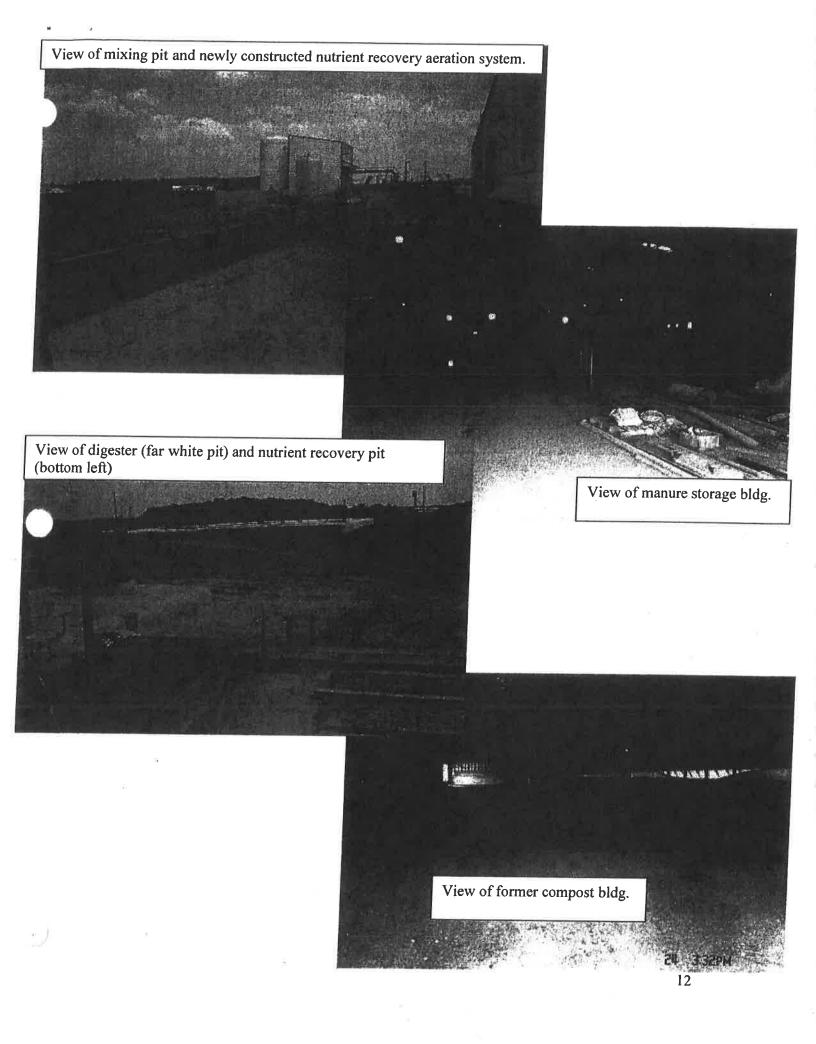
□ N/A

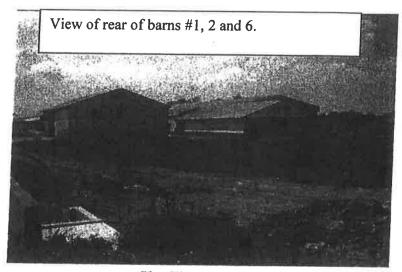
VII. MORTALITY MANAGEMENT

me digest	• What type of mortality medical series and solicio-2-16 (A)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)	n)(i) e former compost barn, a	and covered v	vith manure until use le manure conveyer	d in belt
	 Are there inspection remortality? 	cords properly record	ded in the	operating record	on
	Rules 901:10-2-15 and 901:10-2-16(A)(1)(1)(ii) Yes	☐ No	□ N/A	
	Are Best Management Pra	ctices being utilized?	□ No	□ N/A	
	VIII. OPERAT	ING RECORD – GE	NERAL		
See items u	Are all operating records u Rules 901:10-2-08 and 901:10-2-16 nder required actions.	p-to-date and available Yes	for review b	y the inspector?	
25	• Is a copy of the RCC, PTI, located in the site office? Rulo 901:10-2-01(B)(3) for PTI 901:10-2-07(E) for PTO & NPDES	PTO and/or NPDES pe	rmit with the	e operating record o	or
	901:10-1-07 for RCC as being part of PTO		□ No	□ N/A	
•	Have the operating records of five years?	been retained by the ov	wner or oper	ator for a minimun	n
161	Rule 901:10-2-16(A)(1)	⊠ Yes	□ No	□ N/A	
•	Since the last inspection, hav	e any operational chang	ges been mad No	le at the facility?	
æ	IX. VISUAL INSPECTIO	NS AND OUTSIDE I	NFORMAT	TION	
Water Qualit	y Impacts				7.5
•	Is there evidence of actual off Rules 901:10-2-08 and 901:10-2-16(A)(1)(a)	site discharge?	⊠ No	□ N/A	
•	Are there areas of concern for Rules 901:10-2-08 and 901:10-2-16	water quality impacts?	No	□ N/A	
•	Is the water well location main	tained in a proper man	ner to avoid	contamination?	

	Rule 901:10-2-02(A)(1)&(2)	0.00	⊠ Yes	□ No	□ N/A
•	Facility upkeep and general appe Above average Average	arai		Below average Poor	

Desc	ribe the upke	ep and gene	ral appearai	nce of th	e following:
	Above Average	Average	Below. Average	Poor	Comments
Diversion Ditches					The trades to be the second
Diversion Dikes					
Berms					
Embankments	Х				
Pipe Runs	医肾髓管理			ne fileson	CONTROL OF THE STREET
Grassed Waterways	s x			- Company of the	Commence of the control of the contr
Vegetative Cover	X				COST PROGRAM (A PORT OF A
Contour Grass Strips			CALCULATION CARROLL STORY	THE RESIDENCE	
Settling Basins	0 6.4 (0.42)		Kalma and		
Feed System	x	CUI MINER POPULATION		//	
Storage Areas		07/2014/00/2014	NO DECEMBER 1881	1000	
Watering System	X	A AND NO STATE	TO SHAPE TO SHAPE	dhisanneis	
Walkways or Walk	×	a New York		D2/40032	
Areas Inside				10(E) (E = 12	
Building					
Walkways or Walk		X		经的管理制度	Continue to leave
Areas Outside	1 1	.	1	- 1	Continue to keep concrete areas clean of manure
Building	1 1		- 1		
	1 1		- 1		transferred from the barns to
Reed Alleys			以 海火 将 (5 至)		the manure storage barn.
Chemicals	A STATE OF THE PARTY OF THE PAR	98.000000000000000000000000000000000000		DESCRIPTION OF THE PROPERTY OF	
Screens		CONTRACTOR OF THE PARTY OF THE			15 A. W. (1997)
Ventilation Systems,	X				demonstrate (1964) The results of the second
i.e. Fans					
Others					11





X. SUMMARY

 Were the results of the inspection representative or livestock management 	n discussed wer?	ith the owner,	operator, manager,
-	⊠ Yes	☐ No	□ N/A
The results will be sent to either th livestock manager.	e owner, opera	tor, manager, 1	representative or
Required Actions:			
 You must resample the wells for both nitrates 24, 2012 to remain on an annual sampling cyc this inspection. During this inspection, there was a lack of the manure storage structures since December, 	le. A reminder e required mon	e-mail was sen	t to you shortly after
inspection, and again on June 18, 2012.			
 Proper records of solid manure removed from weights only. You must maintain this informati Submit as-builts of the Nutrient Recovery Tank 	on in your oper	ating records.	
completion no later than August 10, 2012.	•	, ,	•
Reminder Actions:		8	
Continue to keep concrete drives clean of manure	e around the mi	xing pit and mar	nure storage barns.
"I certify that this information was reviewed by the insprepresentative or livestock manager of the facility."	pector and/or the	e owner, operato	or, manager,
Signature of Owner, Operator, Manager, Representative or Livestock Manager	Date		·
Ornistine Pence			
a a	5/24/2	012	
Signature of Inspector	Date		

Present for inspection and report signed by: Jim Wenning, Wenning Poultry Farm - records/facility Christine Pence, ODA DLEP inspector



Division of Livestock Environmental Permitting A.B. Graham Building 8995 East Main Street, Reynoldsburg, OH 43068 Phone: 614-387-0470 • Fax: 614-728-6335 www.agri.ohio.gov • lepp@agri.ohio.gov

INSPECTION FORM I. FACILITY INFORMATION

Name of Inspector: Jim Young Inspection Start Time: 7:00 a.m.		-	5.22.2013 ne: 9:30 a.m	
Purpose of Inspection: 1st Routine 2nd Routine 3rd Routine	☐ Complaint ☑ Enforcement ☐ Other			
Facility: Rule 901:10-2-01(C)(1) Croton Layer 1 11995 Croton Road Croton, Ohio 43013				
10513 Croton Road	Trillium Farm Hold 10513 Croton Roa Croton, Ohio 4301	d .		
Contact Person (if not owner\operator): Ramchand Almoro, Dick Rowley, and Tabi Sm Ram Cell: 740-817-0279 Dick Cell: 614-745-9869 Tabi Cell: 614-600-0482 Sr. Manager of Production: Dave Hasemann Cell: 614-832-2564	Pest Contro Cell: 614-7:	38-3227	er: David Fab	
Complex Manager: Phil Budd Cell: 614-214-1777 PERMIT NUMBER: 45-131-PTI-002 and 45	Cell: 740-8: -131-PTO-002		: Kindra Burg	ger
Expiration Date: 4.11.2014 and 4.11.20	17			
Livestock Manager Name: Rule 901:10-1-06	Name	CLM #	Expiration	Credit Hours
Certificate Number:	Dick Rowley	170	2015	0
Date of Expiration of Certificate:	Phil Budd	217	2014	10
	Sheryl Logue	335	2015	0
Biosecurity Information:	Dave Haseman	334	2015	0
	Scott Michalak	353	2015	0
nspector followed facility or industry	David Gatten	152	2014	10
piosecurity plan Yes No N/A	David Fabian	113	2013	10
- whichever is more stringent	Clint Perkins	218	2014	0
	Al McDougal	355	20:0440	0
Serving Farmers and Prote	Kindra Burger	336	26 is reductions	0

Santos Duran

337

2015

0

II. FACILITY OPERATION INFORMATION

Number and Type of Animals

Animal Type	Existing Number of Animals (leave blank if new)	Maximum Number of Animals (for new or expanding)
Dairy heifers		
Mature cows (milked or dry)		li
Swine Over 55 pounds		
Swine Under 55 pounds		
Horses		
Laying hens	2,147,294	2,401,727
Broilers	, , , , ,	_, .32/, 2/
Pullets		
Others: Pullets		

Number of Employees:

Trillium - 17; Contract - 10

Type of Feed System:

Dry

III. Purpose of Partial Inspection

The following items were sent on May 13, 2013 in a Warning Letter to inform Trillium Farms Croton Layer #1 of violations of their Permit to Operate (PTO) and the Consent Order dated June 28, 2011 that were found during our Partial re-inspection on April 22, 2013 at Trillium Farms Croton Layer #1.

1. As per the May 13, 2013 Warning Letter - During the review of other facility operating records, it was found that there were no reports for the last 2 weeks for the outside barn pesticide applications or treatments. These reports must be completed, reported, and filed weekly, whether there has or has not been any applications made that week. Also, it was found that the Daily Barn Inspection Report forms, FEM-3, are all identical from January 1, 2013 through April 22, 2013. During that period of time the manure in each barn, with the exception of Barns #13A and 14B, for each day was listed as dry. The ODA inspection report for 2.22.2013 indicated that manure in the belt battery barns was wetter than during past inspections. It was also reported that the manure was pliable and the manure in the manure storage barns was slumped. Also the last Management Team Inspection Report (FEM 5BB) for April 10, 2013 reported Barn #12 as having wetdry manure, Barn #13A with few-moderate flies, and Barn #14B having moderate flies. As a result of this review, the accuracy of the Daily Barn Inspection Report FEM-3 is questioned. Since the Site Production Manager is required to fill out this report by entering each barn on a daily basis, it is questioned if this is being done.

Findings during this inspection on May 22, 2013:





- All required reports are being properly filled out and maintained. Reports are being done daily and weekly as required.
 - 2. As per the May 13, 2013 Warning Letter The Management Team Inspection Report (FEM 5BB), which requires a walk through and inspection of each layer house and manure storage barn every two weeks, is not being done properly. This inspection is to be completed by the Compliance Officer, Site Production Manager, and Senior Production Manager. The Senior Production Manager has not been participating in these inspections and a failure to do so is a violation of the IRCP of the PTO.

Findings during this inspection on May 22, 2013:

• The Management Team Inspections are being done properly.

4/24/2013 - Kendra Burger (Site Production Manager), Dave Haseman (Sr. Production Manager), Dick Rowley (Compliance Officer), Maxcy Nolan (Professional Entomologist), Dave Fabian (Pest Control Manager), and Steve Riffel (Asst. Site Manager) walked the barns. This was before the Warning letter was issued on May 13, 2013. This walk did not include the Director of Operations.

5/8/2013 – Kendra Burger (Site Production Manager), Dave Haseman (Sr. Production Manager), Dick Rowley (Compliance Officer), and Steve Riffel (Asst. Site Manager) walked the barns.

5/22/2013 - Kendra Burger (Site Production Manager), Dave Haseman (Sr. Production Manager), Dick Rowley (Compliance Officer), Maxcy Nolan (Professional Entomologist), Ram Almoro (Director of Operations), Jim Young (ODA-DLEP Inspector), and Steve Riffel (Asst. Site Manager) walked the barns.

As per the May 13, 2013 Warning Letter - During the barn inspections, observations were made that the large amount of dust/dander and overall cleanliness of the barns has not improved and possibly has worsened since ODA's inspection on February 22, 2013. In that inspection, it was reported "All of the barns had more dust and dander under the cage rows than has been seen during other inspections. This increase in dust/dander provides good areas for pupae to hatch. There are concerns about the lack of housekeeping in the barns." Barns #5 and #9 were cleaner than during the last inspection but the rest of the barns were dirtier than before with dust on the floor and under the cage rows as deep as 3 inches. On page #2 of the IRCP it states "The buildings will be maintained in such a manner as to minimize the activity and reduce the presence of insects and rodents." On page #5 of the IRCP it states "All walkway areas that have the opportunity for spilled organic materials (such as eggs, mortalities, manure and feeds) will be inspected to ensure no spilled or wasted materials that may serve as a food or breeding medium for insects or rodents remains. Any spilled material discovered will be cleaned up from these areas on a regular basis. Form FEM-4 will be used to record such activities in the operating record." To do so, Form FEM-4 may need to be revised to allow this information to be recorded.

Findings during this inspection on May 22, 2013:





• There was a noted improvement in the cleanliness of most of the barns. In several of the barns, the downstairs was cleaned but the upstairs was left untouched and still had an accumulation of dust and dander on the surfaces of the equipment. Barns #2 and #4 were clean throughout and in good condition. It is recommended the barn manager, Santos, of these two barns assist in training other barn managers on what is an acceptable level of cleanliness.

As per the May 13, 2013 Warning Letter - The IRCP also calls for the manure belts to be moved once every day, removing approximately 20% of the manure on the belts. It is reported that the belts are being moved and completely emptied every 2-3 days. This may be one contributing factor of why the manure on the belts has been wetter than normal.

Findings during this inspection on May 22, 2013:

At the present time, the manure belts are being ran for 16 minutes/day. At this rate, the belts are emptied in 3-4 days. We had a very lengthy discussion about the dryness of the manure on the belts after 3-4 days as opposed to the required 5 days. It is thought by Maxcy Nolan and farm personal that the manure will be no dryer in five days. The main reason being there is always fresh manure being added to the belt. One concern has been that with the dryer manure, there has been issues with the manure rolling backward and not adhering to the manure belt taking the manure to the manure storage barns. This belt has a steep incline and the dry manure has a tendency to tumble and causing some spillage at the lower portion of the belt. It was discussed that in the past, before the new permits were issued, the manure coming off the belts in each barn was tested quarterly for manure moisture. Those readings would vary from 28% - 60% with the majority of the barns being between 40% and 50%. We discussed that to get the requirement for moving the belts 20%/day changed, there would need to be moisture testing done to justify the reasoning for moving the manure belts under the cages more than the required 20%/day. This information shall be submitted with a formal, written letter to ODA-DLEP for review.

As per the May 13, 2013 Warning Letter - All members of the Management Team shall be involved in the required inspections and discussion on Insect and Rodent Control as set forth in the Permit to Operate and the Consent Order.

Findings during this inspection on May 22, 2013:

 During this inspection all required persons participated in the barn inspections and participated in evaluating all of the barns, discussing the findings in the barns, and discussing possible solutions for any existing and/or possible future problems. This shall continue in the future.





SUMMARY

 Were the results of the inspection manager, representative, or livesto 	n discussed	with the owner,	operator,
g / 1	⊠ Yes	□ No	□ N/A
Comment: The results of this inspection were discuduring the inspection.	ussed with a	ll of those in atte	ndance
Findings:			
 It was found that all items in the Warning facility has returned to compliance. 	Letter have	been addressed	and this
"I certify that this information was reviewed by the inspor representative of the facility."	ector with the	owner, operator, 1	nanager,
Alexander.			
	5/22	/2013	
Signature of Inspector	Date		

Accompanying me during the inspection was Dick Rowley, Kendra Burger, Dave Haseman, Ram Almoro, Maxcy Nolan, and Steve Riffel.

Cc: Orland Bethel – Ohio Fresh Eggs J.T. Dean - Trillium Farms Doug Mack - Trillium Farms Dick Rowley - Trillium Farms Dave Hasemann - Trillium Farms Ramchano Almoro - Trillium Farms Sheryl Logue - Trillium Farms Tabi Smith - Trillium Farms David Fabian - Trillium Farms Maxcy Nolan - Professional Entomologist Jim Kiracofe - Licking SWCD Kirk Hines – ODNR-DSWR Kelly, McCloud - Assistant Attorney General Kevin Elder – Division Chief ODA-DLEP Andy Ety - Engineer ODA-DLEP







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Complaint Investigation

Date: May 29, 2013

Time of Complaint: 7:28 a.m.

Complaint Investigated By:

Jim Young

Complainant:

Guy Julian 12110 Clover Valley Road Croton, Ohio 43013 Cell: 740-817-2835

Facility:

Croton Layer #3 11652 Clover Valley Road Croton, Ohio 43013

Complaint Information:

The Ohio Department of Agriculture, Department of Livestock Permitting was forwarded an e-mail from Cole Miller, Ohio EPA, by Jon Bernstein, Ohio EPA PTI Compliance Assistance & CAFO Unit, at 7:28 a.m. on May 29, 2013. Guy Julian had called to complain about the flies from Trillium Farms Layer #3. The following information was received by ODA:

"We received a fly compliant about Trillium Farms Egg Producing in Croton, OH. I received the call from DMWM but the complainant alleges that the company has attempted to reduce flies but has been unsuccessful. The complainant wants follow-up with someone. His name is Guy Julian and his phone number is (740) 817-2835."

Follow up phone call:

5/29/2013 – 7:34 a.m. – to Guy Julian There was no answer so I left a message

Follow up phone call:

5/29/2013 - 7:40 a.m. - to Dick Rowley - Trillium Farms Compliance Office.





Dick said that he was aware of the fly issues at the Julian residence, which is located just northeast and across the road from Trillium Layer #3. Dick said that Santos has been having the residence sprayed by farm personnel on Tuesday of each week. Dick has also taken fly strips and aerosol fly spray cans to the residence. Dick indicated that the manure in the manure storage barns is wet and there are more flies than normal. Larry Cooperrider has been hauling the manure and has the North Manure Storage Barn empty.

Follow up phone call:

5/29/2013 - 9:35 a.m. - Guy Julian

Guy returned my call. He said that Larry Cooperrider has been hauling manure from Layer #3 and had told him about wet manure and the flies. He also told me that Trillium Farms had agreed to spray his residence on Tuesday and Friday of each week. However, he was home all day on Tuesday the 28th and nobody showed up to spray. He said that over the Memorial Day weekend the flies were the worst he has seen them. He said there are flies in the house and in the bushes around the house. He stated that when Trillium Farms comes to spray, they only spray the grass areas and don't get close to the house. He would like for someone to come and look at his problem. I told him I would be able to visit the residence that afternoon. He said they are out of the state but will have his father meet me at his residence.

Site Visitation Findings:

I met Dick Rowley, Trillium Farms Compliance Officer, and Santo Duran, Layer #3 Site Production Manager at 3:30 p.m. on May 29th at Layer #3. The North Manure Storage Barn been emptied. The manure in this barn is now about 12-18 inches high and appears to have good texture and is much dryer. At the present time, the manure in the South Manure Storage Barn is being removed. This manure is very wet and slumped. Larry Cooperrider is taking manure from the center of the barn, and as he does, the sides slump toward where manure has been removed. Both barns are being baited. The South barn has a lot of fly activity around the front area of the barn. Santos said that as long as the manure is being removed and the flies remain stirred up he has a hard time controlling them with bait and spray. RaVap is being sprayed regularly on the open end of the barn. This barn was last sprayed on May 28th. The North barn is baited, has been sprayed with RaVap and has very little fly activity. All the exhaust fans are running in Barns #41A and 42B. These are the turbo barns that are not belt battery and the manure is removed daily and not dried on the belts. With the exhaust fans operating, the air movement is helping a little to dry the manure on the belts in the pits.

Santos said they sprayed the Julian residence about 2:00 p.m. on the 29th. The residence was sprayed the prior week on Tuesday and has been sprayed for the past four weeks with BP-100. The grass and the bushes are sprayed but they try to not get spray on the house and don't spray around the areas where windows are open. BP-100 is a knock down spray and has no residual.





Residence Visitation Findings:

From Layer #3, Dick Rowley, Santos Duran, and I visited the Julian residence and met with Eleno Julian. In the garage, there was a fly strip hanging in the window. The strip was covered with flies, but there were no live flies observed in the garage. In the kitchen/dining area located on the south side of the residence and facing toward Layer #3, there were several dead flies on the floor and 8-10 live flies observed. Around the outside of the residence on the siding and in the bushes, there were very few flies observed. However, as stated before, the residence had been sprayed two hours before our visit. There were a few flies in the area behind the residence. No flies were observed by Dick and Santos in the barn. Eleno said there were many more flies over the weekend and agreed there were few flies at the time of our visit.

Actions to be Taken:

During the visit to the residence and the discussion between Trillium Farms personnel, Dick Rowley and Santo Duran, and Eleno Julian, it was agreed that Trillium Farms will spray the Julian residence on Tuesday and Friday of each week until the fly populations at Layer #3 has diminished. Also, Guy Julian is to call the farm if they are planning any outdoor activities such as a cookout and the farm will come and spray. It was agreed that all windows and doors will be closed on Tuesday and Friday of each week so spraying can be done without concern of spray getting in through the windows and into the residence. Dick will bring fly strips and aerosol spray cans as requested. It is recommended that the manure storage barns be cleaned and manure removed on a weekly basis until more barns are placed into production or until fly conditions have subsided. It is also recommended that future construction efforts be focused for completion of all barns on one side of the facility.

Conclusion:

Based on observations at Layer #3, spray records, and observations at the Guy Julian residence, it is believed the flies at the residence are coming from the Manure Storage Barns at Layer #3. Trillium Farms has agreed to spray the residence on Tuesday and Friday of each week. Dick will bring fly strips and aerosol spray cans as requested. It is recommended that all manure be removed from the manure storage barns on a weekly basis to aid in breaking the fly cycle.

Jim Young
Livestock Environmental Inspector

Cc:

Orland Bethel - Ohio Fresh Eggs





J.T. Dean – Trillium Farms
Doug Mack – Trillium Farms
Dick Rowley – Trillium Farms
Dave Hasemann - Trillium Farms
Ramchano Almoro – Trillium Farms
Sheryl Logue - Trillium Farms
Tabi Smith - Trillium Farms
Jim Kiracofe - Licking SWCD
Kirk Hines – ODNR-DSWR
Kevin Elder – Division Chief ODA-DLEP
Andy Ety – Engineer ODA-DLEP
Maxcy Nolan – Professional Entomologist







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INSPECTION FORM

I. FACILITY INFORMATION

Name of Inspector: Jim Young/Christine Pe Inspection Start Time: 7:45 a.m.	nce Date of Inspection: 6.19.2013 Inspection End Time: 2:00 p.m.
Purpose of Inspection: ☐ 1 st Routine ☐ 2 nd Routine ☐ 3 rd Routine	Complaint Enforcement Other
Facility: Rule 901:10-2-01(C)(1) Croton Layer #3 11652 Clover Valley Road Croton, Ohio 43013	
Owner/Operator: Rule 901:10-2-01(C)(1) Ohio Fresh Eggs, LLC 10513 Croton Road Croton, Ohio 43013	Trillium Farm Holdings, LLC 241 St. Andrews Way Sioux Center, Iowa 51250
Contact Person (if not owner\operator): Dick Rowley, and Tabi Smith 10513 Croton Road Croton, Ohio 43013 Dick Cell: 614-745-9869 Tabi Cell: 614-600-0482	Director of Operations: Ramchand Almoro Cell: 740-817-0279
Sr. Production Manager: Dave Hasemann Cell: 614-832-2564	Production Manager: Santos Duran Cell: 740-817-3821
Barn Manager: Eugenio Mendoza & Daniel C	Castro
PERMIT NUMBER: 45-133-PTI-002 and 4	95-133-PTO-002

Expiration Date:

4.11.2014 and 4.11.2017





Permit Modification:

Date Effective:

Rule 901:10-1-01(FFF)

Major	Operational	Changes:
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Date Effective:
Appendix to Rule 901:10-1-09

Livestock Manager Name:

Rule 901:10-1-06

Name	CLM #	Expiration	Credit Hours
Dick Rowley	170	2015	0
Phil Budd	217	2014	10
Sheryl Logue	335	2015	0
Dave Haseman	334	2015	0
David Gatten	152	2014	10
Al McDougal	355	2015	0
Santos Duran	337	2015	0

Certificate Number:

Date of Expiration of Certificate:

Biosecurity Information:

Inspector followed facility or industry biosecurity plan Yes No N/A -- whichever is more stringent

II. FACILITY OPERATION INFORMATION

Number and Type of Animals

Rule 901:10-2-01(C)(2) and 901:10-1-07(A)(2)

Animal Type	Existing Number of Animals (leave blank if new)	Maximum Number of Animals (for new or expanding)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)		
Swine Over 55 pounds		
Swine Under 55 pounds		
Horses		
Sheep or lambs		
Turkeys		
Laying hens	422,175	2,489,066
Broilers		
Duck		
Pullets		

Barn	Stocked	Permitted	Age
29	113,824	165,509	54
31	144,013	165,509	55
41A	81,986	85,970	53
42B	82,352	85,970	53
	422,175	502,958	





	ners: Pullets			
Com	ment: Barn #30 is almost complete and re	eady for stocking	J.:	
	ber of Employees: Trillium – 1; Cont of Feed System: Dry	ract - 5		
	III. WATER	SYSTEM		
Wate Rule 901:1	r Supply Sources			
•	Is there a well located at the facility? How Many: 4	⊠ Yes	□ No	□ N/A
•	Is water treatment used:	☐ Yes	⊠ No	□ N/A
	If so, where does backflush water go?			
Drink	ing Groundwater Sampling			
•	Are records of the groundwater sampling	analysis properly	y recorded	in the
	operation record?	☐ Yes	□ No	⊠ N/A
	List the dates of the last samples taken.			
	Groundwater S	amnia Pacult		
	Date Nitrate	TCR	.5	
	1/7/2010 0.11 mg/l	Negative		
	1/13/2011 0.14 mg/l	Negative		
	7/27/2012 0.819 mg/l	Positive		
	1/21/2013 0.17 mg/l	Negative		
	dwater Monitoring (A)(4)(l)(i)&(ii), 901:10-2-03(A)(2)(e			
	Are groundwater monitoring wells required If yes, list results.	d? 🗌 Yes	⊠ No	□ N/A
Agricu 901:10-2-02(ltural Drainage Well			
•]	s there indication of an agricultural draina	ige well (Class V Yes	well) on th ⊠ No	e property?
Ι	f yes, is the agricultural drainage well likely t			
Other V 901:10-2-08(A	Vaste, Chemicals and Contaminants	∐ Yes	∐ No	⊠ N/A
	(CTC)			01110



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•	Is there a sanitary permit for this facility?	⊠ Yes	□ No	□ N/A
	o If yes, does the sanitary go to the man	ure storage and	d treatment facili	ity?
	o If yes, is it permitted to do so?	Yes	No	⊠ N/A
•	Are all other waste, including medical fertilizers, herbicides and other contamina not discharge into a manure storage or trea	nts stored/har	idled in a mani	
	not discharge into a manufe storage of trea	⊠ Yes		□ N/A
	If no, provide brief explanation and if th treatment facility is permitted/allowed	e discharge ii	nto the manuro	e storage or
	IV. MANURE STORAGE AND TI	REATMENT	FACILITIES	8
	• Type of Manure:			
	Rule 901:10-2-10(A)	⊠Liquid	⊠ Solid	
	(Check all that apply)			
	• Annual manure analysis on File? Rules 901:10-2-10(C), 901:10-2-16(A)(1)(b)	⊠ Yes	□ No	□ N/A

Manure sample Results

Barn	1 st Quarter	2 nd Quarter	Total Nitrogen		P ₂ O ₅ / Ton	K ₂ O/ Ton	
	Moisture 2/14/2013	Moisture 5/16/2013	NH ₄ +N	Organic			
MSB-N	62.26 %	66.17 %	9.88 #/ton	19.12 #/ton	25.28 #/ton	24.08 #/ton	
MSB-S	52.39 %	65.32 %	18.16 #/ton	48.10 #/ton	35.52 #/ton	35.52 #/ton	

Comment: Full battery was taken on 2/14/2013. New full battery manure samples will be taken this fall.

Since the 2nd quarter manure moisture was over 60%, the following remedial actions were reported to be taken. South barn is being emptied; north barn middle pile is already removed, will install portable fans alternating rows every week, if moisture in the remaining two side increases manure will be turned over.

Egg Wash Sampling

Date	Phosphorous Total	Ammonia	Nitrate	P ₂ O ₅
9/25/2008	0.452 mg/l	<0.1 mg/l	<0.1 mg/l	
1/8/2009	7.2E-7 #/1000 gal	<0.8128 #/1000 gal	<0.8128 #/1000 gal	
1/7/2010	4.5E-6/1000 gal	<2.5E+1/1000 gal	<8.4288#/1000 gal	
1/13/2011	<0.0115#/1000 gal	<0.8242#/1000 gal	<0.8242#/1000 gal	<0.0115#/1000 gal
6/22/2011	<0.2 mg/l	<0.3 mg/l	1.12 mg/l	full party rate.





8/25/2011	<0.2 mg/l	<0.3mg/l	<0.1 mg/l	
1/11/2012	5.536 mg/l	36.3 mg/l	2.04 mg/l	
4/20/2012	<0.2 mg/l	<0.3 mg/l	0.1 mg/l	
9/12/2012	<0.2 mg/l	0.33 mg/l	0.13 mg/l	
1/21/2013	<0.2 mg/l	<0.3 mg/l	0.1 mg/l	
5/14/2013	1.06 mg/l	0.93 mg/l	1.1 mg/l	

Storm Water Sampling

Date	Phosphorous Total	Ammonia	Nitrate	P ₂ O ₅
1/13/2011	<0.0118#/1000 gal	<0.8487#/1000 gal	<0.8487#/1000 gal	<0.0118#/1000 gal
6/22/2011	<0.2 mg/l	<0.3 mg/l	0.17 mg/l	
8/25/2011	<0.2 mg/l	<0.3 mg/l	<0.1 mg/l	
1/11/2012	0.445 mg/l	<0.3 mg/l	0.18 mg/l	PARTITION OF THE PARTITION
4/20/2012	<0.2 mg/l	<0.3 mg/l	0.1 mg/l	
9/12/2012	<0.2 mg/l	<0.3 mg/l	0.1 mg/l	
1/21/2013	1.618 mg/l	5.08 mg/l	TKN 5.67 mg/l	

	•		t facility: nure storage por mbination	nd	
Fabricated	d S	tructure			
	•	☐ Deep pit ☐ Abo ☐ High-rise ☐ Ma	ncrete block or st ove ground tank nure storage bar mpacted earthen	(metal/concrete/o n (for belt-batter	y, etc)
	•	Is there a six-inch minimum of			tructures
		containing liquid manure or subject to Rules 901:10-2-05, 901:10-2-08(A)(4)	to precipitation. Yes	runoff?	□ N/A
•	•	Are records maintained on storage ca	pacity or manu	re volume?	
		Rule 901:10-2-16A)(l)(a)(iii)	⊠ Yes	□ No	□ N/A
•		Is there evidence in the operating manure storage or treatment facilities or discharge? Rule 901:10-2-08(A)(4)(e) & 901:10-2-16(A)(1)(a)(ii)			
	<i>A</i>			Um Lin	_



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	• Do	the inspections s 901:10-2-08(A)(1) and	match the frequency	uency in the m		
	Kuic	8 901:10-2-08(A)(1) and	901:10-2-16(A)(1)(a)(ii)	⊠ Yes	∐ No	□ N/A
	• Are	e these regular (901:10-2-08(A)(4) and 9	inspections prop 001:10-2-16(A)(1)	perly recorded Yes	in the opera	ting record?
Ma	nure Storage	Pond or Manu	re Treatment	Lagoon		
	• Typ app	roximate dimei	storage pond nsions) Rule 901:10-2 eck all that apply)	d or manure 2-06	e treatment	lagoon (and
	(Exp	Carthen manure :	storage pond onds/lagoons, type	Earthen e of liner system	manure treat installed (pla	ment lagoon stic, recompacted
	appi	ropriate design	hes of freeboard storm, if the str 0-2-08(A)(4)(a), 901:10-2-	ucture is subje ^{16(A)<u>(1)(</u>a)(I)}	ume needed ect to rainfall	to contain the and runoff?
				⊠ Yes	□ No	□ N/A
	• Are : Rule 90	records mainta 1:10-2-16(A)(1)(a)(iii) &	ined on storage 901:10-2-06(A)(8) & 901	capacity or ma	nure volume	e?
				Z, 103		L IVA
	Structure	Date	MOL	Current Level	Storag Rema	
	SW Pond	6/17/2013	11.54 Feet	7.25 feet		1.29 feet
	EW Cell #1 EW Cell #2	6/17/2013	12.59 feet	11.75 feet		.84 feet
		6/17/2013	12.54 feet	9.75 feet	2	.79 feet
	Syste from Is the	m. Since that the SW Pond. ere evidence in	/2013, OEPA gough the new time, there had the operating	yly constructers been 15,059	ed Enhance 9,245 gallor egular inspe	d Treatment as discharged
	or dis	re storage or t charge? 10-2-08(A)(4)(e) & 901:1	reatment faciliti	es for erosion,	, leakage, an	imal damage
	кик 901.	10-2-00(A)(4)(e) & 901;1	0-2-10(A)(1)(a)(11)	⊠ Yes	□ No	□ N/A
	storm	water convey: ninated stormw	in the operation ances, diversion vater to the man	n devices a	nd devices	channeling
	1420011	l 6				
	_	0-2-16(A)(1)(a)(iv)		⊠ Yes	□ No	□ N/A





• Do the inspection Rules 901:10-2-08(A)(1))	ons match the frequ	ency in the n	nanure managem No	nent plan?
• Are these regular Rules 901:10-2-08(A)(1)	ar inspections prope	erly recorded Yes	in the operating	record?
the manure stor	icator(s) conspicuou age pond or manuro 201:10-2-08(A)(4)(o) and 901:10	e treatment l	and properly fu agoon?	nctioning in
	2 00(21)(1)(0) und 901.10	Yes	□ No	□ N/A
 Is the vegetation lagoon properly 	n near the manure	storage pon	d or the manur	e treatment
Rule 901:10-2-08(A)(4)(j)		⊠ Yes	□ No	□ N/A
diversion struct	enance inspections ures, devices char ed in the operating r	ineling cont	water conveyan aminated storm	ces, runoff water, etc.
	(v) & 901:10-2-08(A)(4)(i), (j)	⊠ Yes	□ No	N/A
V.	MANURE MAN	AGEMENT	,	
the manure mana	or manure removal agement plan?		esidual removal	outlined in
Rules 901:10-2-08(A)(4)(g),	901:10-2-10(B), 901:10-2-16)(A	(e) Yes	□ No	□ N/A
• List the number of that is owned and Rules 901:10-2-09(C), 901:10	of acres utilized for land that is leased)	land applicat	tion. (Include bo	th land
\[\begin{align*}	Acres owned	40		
—	Acres leased Other land			
<u> </u>	otal acres	40		
Was manure appli	ied on snow-covered	l or frozen g	round?	
• If so, was the applic	cation site approved	Yes for application	⊠ No n?	□ N/A
		☐ Yes	□ No	⊠ N/A
Distribution & Utilization				
• Is manure distribu	ted through Distrib	ution and Ut	ilization method	s?
		⊠ Yes	□ No	□ N/A
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Comment: The layer manure will be sold thru D&U and under contract to Tim Wood. At the present time, only eggwash water will be applied thru the center pivot system. The stormwater is being discharged through the newly constructed Enhanced Treatment System and under an approved NPDES permit from OEPA.

•	If Distribution and Util Appendices A, B, F ar recipient of the manure?	nd the most re			,
	Rule 901:10-2-16(A)(1)(e)(iv) & 901:10		▼ Yes	□ No	□ N/A
•	Is the record for the Di	stribution and	Utilization of	manure m	aintained in
	the operation record?		☑ Yes ☐		□ NT/A
	Rule 901:10-2-16(A)(1)(e)(i)(ii)(iii) & 90)1:10-2-11(B)	⊴ res	No	□ N/A
Soil Characte	ristics				
•	Are all soil analysis pro five years?	perly recorded	in the operati	ing record	for the last
	Rule 901:10-2-16(A)(1)(c)(vi) & 901:10-	` '	Yes [No	□ N/A
	(The analysis records must	t be taken every	three years).		
•	Are the soil samples re composite soil sample re composite soil sample for	presenting no	more than tw	enty-five a	cres or one
	Rule 901:10-2-13(C)		Yes [No	□ N/A
•	Po any fields exceed 150 Rules 901:10-2-14(D)(E)(3) & 901:10-2-1 * If so, list those fit Center Pivot. Pivot area	6(A)(1)(c)(xiii)	Yes [□No	□ N/A
	4/6/2011 Field Number Acres F	P-Index Value	P-Index Cate	gony Pho	sphorous
		28.50	Medium		ppm
		9.12	Medium	317	ppm
	Comment: New soil sam of 2014 and a copy of maintained in the facility	the soil samp	le results and		
Nutrient Budge	et				
•	Is commercial fertilizer us		Yes] No	□ N/A
	* If so, list amount Rule 901:10-2-16(A)(1)(c)(ertilizer used.		
6	Serving Formers	and Protection Consu	umers Since 1846	0,	LAMS





Comment: Nitrogen is applied to corn at the recommended agronomic rate.

 Are the date, rate, quantity and method of application of the nutrient, and/or form and source of manure, commercial fertilizer, and/or other organic by-products properly recorded in the operating record?
 Rule 901:10-2-16(A)(1)(c)(xiv)

Yes Thru 6/17/2013

No
□ N/A

Manure Type	Year 2011		Year 2012		Year 2013	
	Tons/gals	acres	Tons/gals	acres	Tons/gals	acres
EW/SW	7,227,500 gallons	Johnstown Treatment Plant	9,390,850 gallons	Johnstown Treatment Plant	15,059,245 gallons	ETS
EW/SW Center Pivot	12,559,000 gallons	40 acres	23,855,700 gallons	40 acres	None	
MSB - North					400 tons 5/29	Cooperrider 83 acres
MSB - South			650 tons	Blanton	435 tons 5/30	Cooperrider 90 acres

Cropping Schedules

•				each site, increasing record	d?	past yea	ar and pr	esent year,
	Rule 901	:10-2-16(A)(1)(c)(vi	iii)	\boxtimes	Yes		No	□ N/A
•	Rule 901	Is the crop yield for each site properly recorded in the operating record? Rule 901:10-2-16(A)(1)(c)(ix) Yes No N/A Comment: In 2013, Hendren Farms planted the center pivot to corn. Is the actual crop yield for each site properly recorded in the operating						
	D. I. 001	10-2-16(A)(1)(c)(xi)	1	\boxtimes	Yes		No	T 3877.4
	Rule 901:	10-2-10(A)(1)(c)(XI)						□ N/A
	Rule 901:	2010	2011	2012	2013	2014		∐ N/A
	Crop	r		_	2013			∐ N/A

☐ Yes



Rule 901:10-2-16(A)(1)(c)(iv)



□ No

If liquid manure is applied, are drain plugs being used?

N/A

•	If liquid manure is applied, are recorded in the operating record	?	f subsurface dr	ains properly
	Rule 901:10-2-16(A)(1)(c)(iii) & 901:10-2-14(G)(2)(a)	[Winter only] Yes	□ No	⊠ N/A
•	Has the equipment for land ap properly recorded in the operatin	plication been	inspected, ma	intained and
	Rules 901:10-2-08(A)(2) Comment: Center pivot	⊠ Yes	□ No	□ N/A
•	Are there records in the operatapplication, such as soil cracks?	ing record on	soil conditions	at times of
	Rule 901:10-2-16(A)(1)(c) (xvi)	☐ Yes	□ No	⊠ N/A
•	Are application rates and nutries for nitrogen and phosphorus?	nts applied in a	ccordance with	ODA rules
	Rule 901:10-2-14(D),(E)	Yes Yes	□ No	⊠ N/A
•	Are liquid application rates based Rule 901:10-2-14(C)(1)(d)	on the Availab	le Water Capac	eity chart?
•	Are there records of general wea 24 hours before and after manure	ther conditions applications?	s, temperature	and rainfall
	Rules 901:10-2-12 and 901:10-2-16(A)(1)(c)(xvii)	Yes	□ No	⊠ N/A
	Are setbacks maintained and prop Appendix A of Rule 901:10-2-14 and Rule 901:10-2-166	erly recorded i	n the operation	record?
		☐ Yes	☐ No	⊠ N/A
	Is there evidence of documented channels?		ve cover to pro	tect stream
	Rules 901:10-2-14, including Appendix A and 901:10-2-1	6(A)(1)(c)(vii) Yes	□ No	⊠ N/A
	VI. INSECT AND ROD	ENT CONTR	OL	
	Is the insect and rodent control pla operator or manager?	n properly im	olemented by th	ie owner or
	Rule 901:10-2-19 & 901:10-2-16(A)(1)(a)(viii))	⊠ Yes	□ No	□ N/A
	Does the insect and rodent control examine pest's populations and pes	plan describe t	he inspection fr	equency to
	Rule 901:2-19(B)(3)(a)(i)	⊠ Yes	□ No	□ N/A
	Are these inspections properly reconnumber of Rule 901:10-2-19(B)(3)(a)(iii) Comment: NMSB & SMSB reports sprayed with BP-100 and Ravap		\square No ate flies on 6	N/A 5/2/2013 - o reported
A	The state of the s			ПU



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abundant larvae on 6/4-6/7 – there had been few larvae reported for 5/29-6/2. Manure was recorded as being wet. The 5/16/2013 manure moisture test results were over 60% and required that remedial actions to be taken must be reported to ODA. Those reported actions by Trillium management personnel were as follow:

South barn is being emptied; north barn middle pile is already removed, will install portable fans alternating rows every week, if moisture in the remaining two side increases manure will be turned over.

•	Is proper maintenance of the w operating record?	atering system	n properly r	ecorded in the
	Rule 901:10-2-19(B)(3)(a)(ii) Comment: There have been no w 1/1/2013.		☐ No repairs repor	N/A ted since
•	Are daily inspections of drinking wooperating record?	vater lines beir	ng made and	recorded in the
	Rule 901:10-2-08(A)(4)(n) & 901:10-2-19(B)(3)(a)(ii)	⊠ Yes	□ No	□ N/A
	VII. MORTALITY M	ANAGEMEN	NT	
•	What type of mortality managemer Rule 901:10-2-15 and 901:10-2-16(A)(1)(f)(i)	nt does the faci	lity have?	
	Comment: Composting in manure Layer #1.	rows of the M	lanure Stora	ge Barn at
•	Are there inspection records prope mortality?	erly recorded	in the operat	ing record on
	Rules 901:10-2-15 and 901:10-2-16(A)(1)(f)(ii)	⊠ Yes	□ No	□ N/A
•	Are Best Management Practices bein	ng utilized? ⊠ Yes	□ No	□ N/A
	VIII. OPERATING RECO	RD – GENER	RAL	
• A	Are all operating records up-to-d nspector?	ate and avai	lable for re	view by the
R	tules 901:10-2-08 and 901:10-2-16	⊠ Yes	□ No	□ N/A
Rı	ecord or located in the site office? lle 901:10-2-01(B)(3) for PTI 11:10-2-07(E) for PTO & NPDES	d/or NPDES p	ermit with t	he operating
	11:10-1-07 for RCC as being part of PTO	⊠ Yes	□ No	□ N/A
	Serving Formers and Protecting C	Consumers Since 184	16	MEANS IBUNOSIS

	•	Have the operating records been r minimum of five years?	etained by	the owner or op	perator for a
		Rule 901:10-2-16(A)(1)	⊠ Yes	□ No	□ N/A
	•	Since the last inspection, have any facility?	operationa	l changes been	made at the
		Rule 901:10-1-09(F)	☐ Yes	⊠ No	□ N/A
	IX.	VISUAL INSPECTIONS AND O	OUTSIDE I	NFORMATIO	N
Water Qua	ality	Impacts			
	•	Is there evidence of actual offsite disc Rules 901:10-2-08 and 901:10-2-16(A)(1)(a)	charge?	⊠ No	□ N/A
	•	Are there areas of concern for water Rules 901:10-2-08 and 901:10-2-16	quality imp	acts? ⊠ No	□ N/A
	•	Is the water well location maint: contamination? Rule 901:10-2-02(A)(1)&(2)	ained in a	proper manne	er to avoid
		Facility upkeep and general appearand Above average Average - Construction	⊠ Yes nce: ☐ Below a ☐ Poor	□ No	□ N/A

Barn	Flies	Larvae	Comments
#29	F	F	Manure on the belts was dry – no evidence of past water leaks – Enriched cages – Barn was clean and well maintained
#31	F	F	Manure on the belts was dry – no evidence of past water leaks – Enriched cages – Barn was clean and well maintained
#41A	F	F	The manure on the belts was the was wet but drying – no water leaks were noticed
#42B	F	М	The manure on the belts was the was wet but drying – no water leaks were noticed – there was larvae in the pit along the curb and some on the belts
NMSB	М	М	The manure in this barn had good shape but was wet and over 60 % — manure was in two rows that were 2 ½ feet in height — the barn is baited — Maxcy recommended to fog every other day as needed - RaVap the top four feet every four days - start Flyzine for four weeks — would like to see manure removed weekly to break fly cycle





SMSB	M	М	The manure in this barn was wet and slumped – manure in the middle of the barn has been removed ~ ¾ the length of the barn – manure is being placed on the east side – plans are to remove the manure on the west side – Maxcy recommended to remove the middle of the manure - Fog every other day as needed - RaVap 10 feet wide on the east row of the barn and Flyzine for four weeks until all of the manure can be removed
SW			Below outlet pipe to ETS pond
EW			Good condition
ETS			The Enhanced Treatment System is currently discharging as designed and as approved by OEPA.

Barn	Barn Condition
#30 & #32- #41	New inner and outer skin – new floor – air intake and fans installed – Cages installed – feed bins installed and lines ran – #30 & #32 nearly ready to stock
#42	New roof, fans, inner skin, outer green skin, and new block – ready for cages

 Trimming and 3 foot vegetative buffer strip are not being completed as required in the IRCP. . There is stone around both of the MS Barns.

Describe the upkeep and general appearance of the following:

	Above Average	Average	Below Average	Poor	Comments
Diversion Ditches		X			
Diversion Dikes					
Berms					
Embankments	X				Stoned
Pipe Runs					
Grassed Waterways	X				
Vegetative Cover			X		Mowed but not sprayed or trimmed – no 3 foot vegetative buffer strips
Contour Grass Strips					vegetative buller strips
Settling Basins					
Feed System	X				
Storage Areas	x				
Watering System	X				





Walkways or Walk Areas Inside Building	X		Very clean
Walkways or Walk Areas Outside Building	Х		
Feed Alleys			
Chemicals			
Screens			
Ventilation Systems, i.e. Fans		X	
Others			

Ventilation Systems, i.e. Fans		X			
Others					
Were the remanager, rep The results we representative Required Actions:	sults of the resentative, o ill be sent to e e or livestock	or livestock n [either the ow manager.	discussed winanager? Yes ner, operato	□ No	□ N/A
 By August 15, 2013 maintained around the continue to complete entomologist and the must continue to be 	he perimeter ete all the e requireme	of <u>all</u> barns recommend nts outlined	at the facilit lations mad in the IRC	ty. de by the CP. These a	professional
Recommended Actions:					
Reminder Actions: New soil samples and of the soil sample is operating records.	l "P" Index n results and '	nust be take "P" Index r	en by the sp must be ma	ring of 2014 aintained in	and a copy the facility
"I certify that this information w manager, representative or lives	/as reviewed b tock manager	by the inspect of the facility	or and/or the	owner, opera	tor,
Signature of Owner, Operator, N Representative or Livestock Man		=	Date		
Signature of Inspector			Date	0	
Se	erving Formers and	d Protecting Cons	umers Since 1840	5	HEAHS Butters

Dick Rowley, representing Trillium Farms, signed this inspection on June 19, 2013 and Jim Young representing the Ohio Department of Agriculture also signed the report. The records portion of this inspection was done with Sheryl Logue. Those present during the inspection were — Dick Rowley, Maxcy Nolan, Santos Duran, Dave Haseman, Ramchand Almoro, Eugenio Mendoza, Daniel Castro, Christine Pence, and Jim Young.

Cc: Kelly, McCloud - Assistant Attorney General, Ohio Attorney General's Office Orland Bethel – Ohio Fresh Eggs
J.T. Dean – Trillium Farms
Doug Mack – Trillium Farms
Dick Rowley – Trillium Farms
Dave Hasemann - Trillium Farms
Ramchano Almoro – Trillium Farms
Sheryl Logue - Trillium Farms
Tabi Smith - Trillium Farms
Jim Kiracofe - Licking SWCD
Kirk Hines – ODNR-DSWR
Kevin Elder – Division Chief ODA-DLEP
Andy Ety – Engineer ODA-DLEP
Maxcy Nolan – Professional Entomologist







Division of Livestock Environmental Permitting A.B. Graham Building 8995 East Main Street, Reynoldsburg, OH 43068 Phone: 614-387-0470 • Fax: 614-728-6335 www.agri.ohio.gov • lepp@agri.ohio.gov

Inspector Christine Pence Inspection Start Time 2:00 p.m.					D	ate of	f Insp	ection	4/2/2014	ı		
			Туј	ре о	f Insp	ecti	ion					
		1 st Rou 3rd Ro				2 nd I Oth	Routi er	ne 🗆				
Facility						Ow	ner\	(Opera	tor			
Name	Miami Valley Dain	y, LLC				Nam	e	same				
Address	9235 Wildman Rd					Addr	ess					
City	South Charleston		Zip	4536	8	City				Zip		
Phone	937-462-8477					Phon	e					
Email	miamivalleydairy@	yahoo.d	om			Emai						
Name Email Permit I I	Sybrand T.C. (Ted miamivalleydairy)				Teleph Cell		93 -605-8	87-462-847 8823	7			
Permit Numb	er	12-183	-PTO-C	02				Expiratio	n Date	6/18	/2018	
Permit Modif	ication							Effective	Date			
Major Operat	ional Change							Effective	Date			
Certified	Livestock N	lanag	er									
	Name		Certif	ficate	Numbe	r	E	xpiration	Date	С	EUs / Da	ite
Sybrand T.C	C. (Ted)vanRaaij	24					12/3	31/2013-	expired	5.5	~ 4/7/	14
Nick Anders	son	22	4				12/3	31/2015		5.5	~ 4/7/1	L4
	eceived the CLM R red CEU, your CLN					/23/1	3; hov	wever, be	cause yo	u did	not acqu	uire
	rity Information		try bi	o-sec	curity p	olan		Yes ⊠	No		N/A	
-	more stringent)	0	-		•							

I. FACILITY OPERATION INFORMATION

Number and Type of Animals

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		24
Dairy heifers		
Mature cows (milked or dry)	1,525	1,500
Swine over 55 pounds		
Swine under 55 pounds		
Laying hens		
Broilers		
Pullets		
Other:		
Number of Employees	14	
Type of Feed System	solid	

II. WATER SYSTEM

Water Supply Sources

•	Is there a well located at the facility?				
	How Many? 2	Yes	No	N/A	
•	Is water treatment used? If so, where does back flush go?	Yes	No	N/A	

Water softener backflush goes to the contaminated stormwater pond.

Drinking Groundwater Sampling

•	Are records of the groundwater sampling analy	sis pro	operly r	ecord	led in th	e operation record	ďì
	Yes	\boxtimes	No		N/A		
	List the dates of the last samples taken.						

Groundwater Sample Results

Date	Well	Nitrate	TCR
12/5/10	Barn faucet	.05 mg/l	None
3/11/11	Barn faucet	.05 mg/l	Neg.
2/16/12	Barn faucet	.05 mg/l	Neg.
8/8/12	Barn faucet	.13 mg/l	Neg
9/24/13	Barn faucet	.38 mg/l	Neg

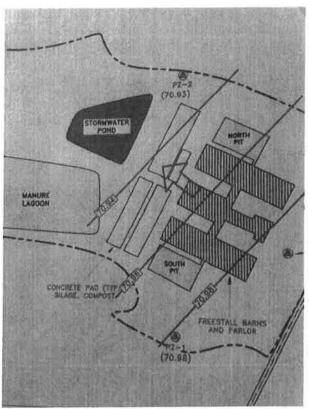
The 2014 well analysis is due on or around September 24, 2014.

Groundwater Monitoring

Are groundwater monitoring wells requires?

Date	Well	Nitrate	Coliform Bacteria
2/16/12	PZ1	.05 mg/l	Neg. Total Coliform
2/16/12	PZ2	.05 mg/l	Neg. Total Coliform
2/16/12	PZ3	.05 mg/l	Neg. Total Coliform
11/13/12	PZ1	.06 mg/l	Pos. TC/ Neg E.Coli
11/13/12	PZ2	.06 mg/l	Pos. TC/Neg. E.coli
11/13/12	PZ3	<.05 mg/l	Neg. TC
3/26/13	PZ1	.16 mg/l	Pos. TC/ Neg E.Coli
3/26/13	PZ2	<.05 mg/l	Pos. TC/Neg. E.coli
3/26/13	PZ3	<.05 mg/l	Neg. TC
9/24/13	PZ1	ND	Pos TC/Neg E. Coli
9/24/13	PZ2	.85 mg/l	Pos TC/Pos E. Coli (<1CFU/100 ml)
9/24/13	PZ3	ND	Pos TC/Neg E.Coli

ODA-DLEP will continue to monitor the results from PZ1 and PZ2 during the next sampling cycles due to the Positive Total Coliform Results from the November, 2012; March and September 2013 sampling events. PZ1 and PZ3 are upstream and PZ2 is downstream of manure storage structures. Spence Environmental have conducted the tests since 2012 and at this sampling event indicated that the groundwater flow is toward



Yes

 \boxtimes

No

N/A

the northwest (or PZ2). Spence also noted the Total Coliform tests; however, they indicated that none of the wells contained E. Coli above the detection limit of 1 CFU/100 ml.

Agricultural Drainage Well

•	Is ther	e indication of an agricultural drainage well (Class	V we	II) on t	he pro	perty?		
runoff?	, ,	s the agricultural drainage well likely to have	Yes		No		N/A	
			Yes		No		N/A	\boxtimes
Other	Wast	e, Chemicals and Contaminants						
•	Is there	e a sanitary permit for this facility?	Yes		No		N/A	
	0	If yes, does the sanitary go to the manure storag	e and	treatn	nent fa	cility?		
			Yes		No	\boxtimes	N/A	
	0	If yes, is it permitted to do so?	Yes		No		N/A	\boxtimes

 Are all other waste herbicides and other manure storage or tre If no, provide brief exfacility is permitted/a 	contaminant atment facili	s stored/handity?	dled in a ı	manner t Yes ⊠	hat will not	dischar	ge into a
III. MANUF	RE STORA	GE AND	TREATI	MENT	FACILITI	EŞ	
Type of ManureAnnual manure analys	is on file?	(check all tha	t apply	Liquid D	⊠ Sol	
Manure Sample Res	ults (Solids	measured in	n #/ton –	liquid n	neasured in	#/1,00	0g)
Туре	Date	Moisture %	Total N	NH ₄ -N	Organic N	P ₂ O ₅	K ₂ O
Mortality compost (solid)	2012	Did		Not	Sample		
SW pond (pivot app)	3/6/12	99.81	4.15	.01%*	5.	.32	1.35
Mortality Compost (solids)	3/6/12	66.70	28.6	.57%	-6	48.35	10.63
manure pit(s) (solids)	1/10/12	36.8	4.4	.11%	Va.	2.32	4.25
Manure pond (liquid) agitated	1/10/12	98.1	14.94	.12%		3.39	11.37
Manure pond (liquid) agitated	3/21/12	95.1	19.92	.14%	K#:	7.64	13.3
Manure pond (liquid) agitated	9/18/12	95.31	16.5	7.0	9.6	10.4	20.9
Manure pond (liquid) agitated	9/19/12	95.05	13.9	7.0	7.0	11.3	19.1
Manure pit sand solids	10/23/12	15.42	2.8	0	2.6	2.4	2.0
SW Pond	11/14/12	99.83	.04	(*)		<.01	.04
Mortality Compost	2/6/13	58.02	8.2	1.8	6.4	7.4	5.8
Manure pond (from applicator)	2/6/13	91.28	24.4	11.3	13.0	10.4	28.7
Manure pond (from applicator)	2/6/13	92.6	24.4	11.3	13.0	10.4	28.7
Manure pond (from applicator)	5/31/13	95.72	13.9	6.1	7.8	8.7	17.4
Manure pond (from applicator)	9/10/13	96.16	46.1	23.5	22.6	9.6	15.7
Manure pond (D-25)	9/23/13	95.82	12.2	5.2	7.0	8.7	15.7
Manure pond (Wilt)	12/5/13	94.52	40.9	20.9	20.0	10.4	14.8
Manure solids	12/6/13	25.13	3.0	.8	2.2	2.8	2.2
SW Pond	1/9/14	99.69	<.01	<.01	<.01	<.01	<.01
• Type of manure storage ricated Structures abination 2 sand settling ba 2 sand dewatering	e or treatmer		at apply) pond ond	☑ Mar	oure treatme		<u>.</u>
1 compost pad pricated Structure							
• Type of fabricated struc	ture:						
••		(Check all tha	it apply)				
king pad/bunker/etc	\boxtimes	Concrete b		ave pit			\boxtimes

☐ Above ground tank (metal/concrete/other)

Deep pit

High-rise			☐ Manure stora	ge barn (1	for bel	t-batte	ry, etc	:)	
Compacted earthen f	loor concre	ete pit	☐ Other						
 Is there a six- subject to pre 			eboard for all stora	ige struct	ures co	ontaini	ng liqu	id man	ure or
subject to pre	cipitation,	ranon:		Yes	\boxtimes	No		N/A	
Are records m	naintained (on storage	e capacity or manu	re volume	e?				
		Ū		Yes	\boxtimes	No	П	N/A	П
				163		140		IV/A	ш
			ng record of regul				manu	re stora	age or
treatment fac	ilities for e	rosion, lea	akage, animal dam	age or dis	charg	e?			
				Yes	\boxtimes	No		N/A	
 Do the insp 	ections m	atch the	frequency in th	e				•	
manure mana	gement pla	an?							
				Yes	\boxtimes	No		N/A	
 Are these regular operating reco 	•	ions prop	erly recorded in th	е					
operating rect	, a c			Yes	\boxtimes	No		N/A	
		11:		- 000			100	•	
	tructure		laximum Operating Le	vel Curre		ure Leve			
		3/28/14	9.5′		Ok - <		_		
		3/28/14	9.5'		Ok - <				
Continue inspections of t			_		-	-	_		
structural integrity. Also		-	-						
ensure they continue to				od job of r	naintai	ining lov	v levels	in these	pits
by routinely transferring	liquid to the	manure st	orage pond.						
Manure Storage F	ond or N	Manure	Treatment Lag	oon					
Type of manur	e storage p	ond or m	anure treatment la	_	d appr	oxima	te dim	ensions)
Earthen manure stor	hnon epe	\boxtimes	Check all that ap Earthen manure		st lagg	on	m N	/A	П
(Explain number of ponds					_				
Structure			Storage capacity						1
	Level								
Manure pond	16' + 1.7'		14,343,249 gal.	12'					
Stormwater pond	10' + 2' FE		4,626,763 gal.	10']
Equipment was being set	up to condu	ct manure	application on surro	unding field	ds.				
Is there twelve	inches of t	iuaahaaud	, plus the volume r			مطفيدان		auiata d	aaian
			rainfall and runoff						_
storm, if the st	acture is s	abject to	allitan and runoit	Ye	s 🛚	No) ⊔	N/A	4 🗆
 Are records ma 	intained or	n storage	capacity or manure	e volumeî	?				
				Yes	\boxtimes	No		N/A	
		-	record of regular	-			nanure	e storag	ge or
treatment facil	ities for ero	osion, leak	age, animal dama	-	_		_		_
				Vac	N	No	17	N/A	17

	diversio	n devices	in the operating and devices char								
	pond or	manure ti	eatment lagoon?	9		Yes	\boxtimes	No		N/A	
•	Do the i	nspections	match the freque	ency in the	e manu	re manag Yes	ement	plan? No		N/A	
	A.v. di						_			13/7	
•	Are thes	e regular i	nspections prope	rly record	ed in th	e operati Yes	ng recoi ⊠	rd? No		N/A	
•	is the le	vel indicat	or(s) conspicuous	is located	l and ne					-	_
-			eatment lagoon?	iy located	and pi	Yes		No		N/A	lor age
_	l- Al-		.1						_	-	_
•	maintain		near the manure	storage p	ond o				ent la		operly
						Yes	\boxtimes	No	Ш	N/A	LJ
•			nce inspections for contaminated sto								
	devices c	mannenng	contaminated st	imwater,	, etc. pr	Yes		ni tile No	oper	N/A	
						162		INO	Ш	IV/A	
			IV. MANU	JRE MA	ANAG	SEMEN	T				
•	Is the sch	edule for	manure removal o	or manure	residu	al remova	al outlin	ed in	the n	nanure	
	managen	nent plan?				Yes	\boxtimes	No	П	N/A	
Very det	tailed recor	ds maintair	ed. In 2013 through	Decembe	r 5, a tot			illons	of mar	•	_
			l; 2,430,000 gallons						gh the		
			l; 2,430,000 gallons 70 tons of sand soli						gh the		
	of waste f	eed and 1,5	70 tons of sand soli	ds applied.	All appl	ied to land	in the M				vot;
	of waste f	source MS POND	70 tons of sand soli DESTINATION Chuck	ds applied. APP RATE 12,816	All appl	TOTAL AM	in the M	MP.		center pi	vot;
	DATE 3/27-28/14 3/28/14	SOURCE MS POND MS POND	70 tons of sand soli DESTINATION Chuck Chuck	APP RATE 12,816 13,206	All appl	TOTAL AM 1,256,000 g 382,974 g	in the M	MP.		center pi	vot;
	of waste f	source MS POND	70 tons of sand soli DESTINATION Chuck	APP RATE 12,816 13,206 60 t/a	All appl	TOTAL AM 1,256,000 g 382,974 g 1,800 t	in the M	MP.		center pi	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/24-25/14	SOURCE MS POND MS POND Sand Solids	DESTINATION Chuck Chuck D-12/D-25-perimeter	APP RATE 12,816 13,206	All appl ACRES 98 29 30	TOTAL AM 1,256,000 g 382,974 g	in the M	MP.		center pi	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/24-25/14 3/26/14	SOURCE MS POND MS POND Sand Solids MS POND	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck	APP RATE 12,816 13,206 60 t/a 13,315	All appl ACRES 98 29 30 19	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t	in the M	MP.		center pi	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/24-25/14 3/26/14 1/16-17/14 3/21/14 3/25/14	SOURCE MS POND MS POND Sand Solids MS POND Sand solids	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a	All appl ACRES 98 29 30 19 25	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g	in the M	MP.		center pi	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/24-25/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND MS POND MS POND MS POND	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000	All appl ACRES 98 29 30 19 25 50	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g 299,000 g	in the M	MP.		center pi	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/24-25/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14 3/22/14	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND MS POND MS POND MS POND MS POND MS POND	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13 D-22	APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000 13,000	All appl ACRES 98 29 30 19 25 50 45	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g	in the M	MP.		center pi	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/24-25/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14 3/22/14 3/24-25/14	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13 D-22 Dt-25	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000 13,000 13,000 13,000	All appl ACRES 98 29 30 19 25 50 45 23 41 57.5	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g 299,000 g 533,000 g 747,500 g	ount (G)	SOIL	P SO	CENTER PI	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/28/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14 3/22/14 3/24-25/14 *These field I correlate the List the nu	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13 D-22	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000 13,000 13,000 13,000 13,000 t permit. It a	All appl ACRES 98 29 30 19 25 50 45 23 41 57.5 ppears you	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g 299,000 g 533,000 g 747,500 g ur ID's were	OUNT (G)	SOIL SOIL	P SO	CENTER DAT	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/28/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14 3/22/14 3/24-25/14 *These field I correlate the List the nu	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13 D-22 Dt-25 tch what is in the current with the new ID's.	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000 13,000 13,000 13,000 13,000 t permit. It a	All appl ACRES 98 29 30 19 25 50 45 23 41 57.5 ppears you	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g 299,000 g 533,000 g 747,500 g ur ID's were	OUNT (G)	SOIL SOIL	P SO	CENTER DAT	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/28/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14 3/22/14 3/24-25/14 *These field I correlate the List the nu	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND AS POND	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13 D-22 Dt-25 tch what is in the current with the new ID's.	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000 13,000 13,000 13,000 13,000 t permit. It a	All appl ACRES 98 29 30 19 25 50 45 23 41 57.5 ppears you	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g 299,000 g 533,000 g 747,500 g ur ID's were	OUNT (G)	SOIL SOIL	P SO	CENTER DAT	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/28/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14 3/22/14 3/24-25/14 *These field I correlate the List the nu	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND L's do not ma old field ID's v A A O	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13 D-22 Dt-25 tch what is in the current with the new ID's. cres utilized for lace of the current with the destruction of the current with the new ID's.	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000 13,000 13,000 13,000 13,000 t permit. It a	All appl ACRES 98 29 30 19 25 50 45 23 41 57.5 ppears you	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g 299,000 g 533,000 g 747,500 g ur ID's were	OUNT (G)	SOIL SOIL	P SO	CENTER DAT	vot;
960 tons	DATE 3/27-28/14 3/28/14 3/28/14 3/26/14 1/16-17/14 3/21/14 3/25/14 3/25/14 3/22/14 3/24-25/14 *These field I correlate the List the nu	SOURCE MS POND MS POND Sand Solids MS POND Sand solids MS POND L's do not ma old field ID's v A A O	DESTINATION Chuck Chuck D-12/D-25-perimeter Chuck D-13-perimeter D-6 D-12 D-13 D-22 Dt-25 tch what is in the current with the new ID's. cres utilized for lace	ds applied. APP RATE 12,816 13,206 60 t/a 13,315 60 t/a 13,000 13,000 13,000 13,000 13,000 t permit. It a	All appl ACRES 98 29 30 19 25 50 45 23 41 57.5 ppears you	TOTAL AM 1,256,000 g 382,974 g 1,800 t 253,000 g 1,500 t 650,000 g 585,000 g 299,000 g 533,000 g 747,500 g ur ID's were	OUNT (G)	SOIL SOIL	P SO	CENTER DAT	vot;

		Yes		No		N/A	
	 Is manure distributed through Distribution and Utilizat 	ion me	ethods	?			
		Yes		No	\boxtimes	N/A	
•	 If Distribution and Utilization method of manure remo and the most recent manure analysis given to the recip 					pendices	A, B,
Altho	ough manure is not removed through D&U since MVD is	Yes		No		N/A	\boxtimes
respo	onsible for the manure application, each recipient receives update						
	Is the record for the Distribution and Utilization of record?		ire ma		ed in —		
	record.	Yes		No		N/A	\boxtimes
Soil	l Characteristics						
•	Are all soil analysis properly recorded in the operating r	ecord	for th	e last f	ive ye	ars?	
	(The analysis records must be taken every three years)	Yes	\boxtimes	No		N/A	
•	Are the soil samples representative of a land application representing no more than twenty-five acres or one content of the same series are same as a same series or one content of the same series are same series.						
	application site, whichever is less?	Yes	\boxtimes	No		N/A	
•	Do any fields exceed 150 ppm of Phosphorous on the Bi	-2vD1 1	tost?				
	* If so, list those fields.	Yes		No	\boxtimes	N/A	
	ests are due in 2014 on fields in the current PTO name ining fields in the PTO are due in 2015.	ed 7, 1	.8, 19,	. 22, 2	3, 24	a and 25	. The
Nut	rient Budget						
•	Is commercial fertilizer used? *If so, list amount of commercial fertilizer used	Yes		No	\boxtimes	N/A	
•	Are the date, rate, quantity and method of application o of manure, commercial fertilizer, and/or other organic						
	operating record?	Yes	\boxtimes				
Crop	pping Schedules						
•	Is the cropping schedule for each site, including past yea	r and	nresei	at vear	pror	orly rec	ordod
	in the operating record?	Yes		No	, prop	N/A	
•	Is the crop yield for each site properly recorded in the op	eratin; Yes	g reco	rd? No	\boxtimes	N/A	П
•	Is the actual crop yield for each site properly recorded in		u eratin			N/M	
	·	-	eratir 🛭	ig reco No	ra:	N/A	П
	te to maintain these records. In 2013, corn silage yielded an e of 21 ton/acre.		لات			· ·	

Application Records

•	If liquid manure is applied, are drain plugs being used?						
		Yes	\boxtimes	No		N/A	
•	If liquid manure is applied, are observations of subs operating record?	urface	drains	s prop	erly re	ecorded	in the
•	Has the equipment for land application been	Yes		No		N/A	
	inspected, maintained and properly recorded in the operating record?	Yes	\boxtimes	No		N/A	
•	Are there records in the operating record on soil condit	ions a	t times	of ap	plicatio	on, such	as soil
	cracks?	Yes		No		N/A	
•	Are application rates and nutrients applied in accord-	ance v	with O	DA ru	les for	nitroge	en and
	phosphorus?	Yes	\boxtimes	No		N/A	
•	Are liquid application rates based on the Available Water	er Cap	acity cl	hart?			
		Yes	\boxtimes	No		N/A	
•	Are there records of general weather conditions, temperature and rainfall 24 hours before and after manure application?	Yes	\boxtimes	No		N/A	
•	Are setbacks maintained and properly recorded in the o	perati	on rec	ord?			
		Yes	\boxtimes	No		N/A	
•	Is there evidence of documented use of vegetative cove	r to pr	otect s	tream	chann	els?	
		Yes	\boxtimes	No		N/A	
	V. INSECT AND RODENT (CON	TROL				
	Is the insect and rodent control plan properly impler	nente	d by t	he ow	ner o	r oper at	tor or
	manager?	Yes	\boxtimes	No		N/A	
	Does the insect and rodent control plan describe the in	specti	ion fre	quenc	y to ex	kamine	pest's
	populations and pest activities?	Yes	\boxtimes	No		N/A	
)	Are these inspections properly recorded in the operating	recor	d?				
		Yes		No		N/A	
	Is proper maintenance of the watering system properly r	ecord	ed in tl	he ope	rating	record?	•
	Are daily inspections of drinking water lines being	Yes	\boxtimes	No		N/A	
	made and recorded in the operating record?	Yes	\boxtimes	No		N/A	

VI. MORTALITY MANAGEMENT

C)	What type of mortality management does the facility herior to this inspection, mortality was placed on the corommodity barn and stormwater pond, then removed accensed hauler through ODA. Since this inspection, more cation; however it is now transported to Standard Ference in the content of	ncrete and tr tality	anspo is still	rted to stage	a lan	dfill. Te	d is a
•	Are there inspection records properly recorded in the o	perati	ng rec	ord on	morta	lity?	
		Yes	\boxtimes	No		N/A	
•	Are Best Management Practices being utilized?	Yes	\boxtimes	No		N/A	
	VII. OPERATING RECORD -	GEN	NERA	\L			
•	Are all operating records up-to-date and available for re	view	by the	inspec	tor?		
•	Is a copy of the RCC, PTI, PTO and/or NPDES permit	Yes	\boxtimes	No		N/A	
	with the operating record or located in the site office?	Yes		No		N/A	
•	Have the operating records been retained by the own years?	er or Yes	opera	tor for No	a min	imum o	of five
•	Since the last inspection, have any operational changes	been ı	made a	at the f	acility	?	
		Yes		No		N/A	
	VIII. VISUAL INSPECTIONS AND OUTS	IDE	INFC)RM/	OITA	N	
Wate	er Quality Impacts						
•	Is there evidence of actual offsite discharge?	Yes		No		N/A	
•	Are there areas of concern for water quality impacts?	Yes		No	\boxtimes	N/A	
•	Is the water well location maintained in a proper manne	r to av	oid co	ntamiı	nation	?	
		Yes	\boxtimes	No		N/A	

Describe the upkeep and general appearance of the following

	Above Average	Average	Below Average	Poor	Comments
Dikes and Diversion Ditches		x	_		
Berms		x			
Embankments		х			
Pipe Runs					
Grassed Waterways		x			
Vegetative Cover		х			
Settling Basins	х				
Feed System	x				
Storage Areas	x				
Watering System	х				
Walkways or Walk Areas Inside Building	х				
Walkways or Walk Areas Outside Building	х				
Ventilation Systems, i.e. Fans					
Others					

VIII. SUMMARY

Were the results of the inspection discussed with the own	er, operatoi	r, man	ager, r	eprese	entative	or
livestock manager?	Yes	\boxtimes	No		N/A	
Required Actions:						

- Carefully monitor cow numbers at this facility. The permitted animal capacity is 1,500 cows and shall not be exceeded on a continual basis.
- The field ID's for the manure do not match what is in the current permit. It appears your ID's were from the former PTO. Take time to correlate the old field ID's with the new ID's.
- Forward results of the Spring, 2014 groundwater monitoring well analyses to Christine Pence upon completion by NPE, which were scheduled to be collected on May 19, 2014.
- Soil tests are due in 2014 on fields in the current PTO named 7, 18, 19, 22, 23, 24a and 25. The remaining fields in the PTO are due in 2015.

"I certify that this information was reviewed with the owner, operator, manager, or representative of the facility."

Christine Pence

4/2/14

Signature of Inspector

Date

Cc: Clark SWCD



Governor John R. Kasich • Lt. Governor Mary Taylor Director David T. Daniels Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agri.ohio.gov • lepp@agri.ohio.gov

Inspector	Dan Bruner			D	ate of Insp	ection	5/1/20	14		
Inspection S	Start Time 4:3	0 pm								
All questions	pertaining to on-s	ite inspections	are no	t answe	red since or	n-site ins	pection w	as not m	ade due	to
biosecurity p	recautions concer	ning the PEDv o	utbrea	k. Jim	and Chris Pe	essefall v	vere prese	ent for th	e inspec	tion.
					ection					
	1 st Routine	≥ 2 nd Ro	utine		ard Routine		Other			
_										
Facility					Owner\	Ope	rator			
Name	Pessefall Farms	LLC			Name	Same				
Address	12742 Road 191	L			Address					
City	Oakwood	ОН	4587	3	City					
Phone	419-594-2120				Phone					
Email	Pressefallfarms	21@gmail.con	n		Email					
				-	-					_
Contact	Person									
Name	Chris Pessefall			Teleph	one					
Email				Cell	419-438-	0879				
Permit Ir	nformation									
Permit Numb	per	63-120-PTO-	-001			Expira	tion Date	11/4	/2016	
Permit Modif	fication					Effect	ive Date			
Major Opera	tional Change					Effect	ive Date			
Certified	Livestock N									
	Name	Certificate Nu	ımber	Expir	ation Date	CEUs	/ Date			
									55	
Bio-secur	ity Informa	tion:								
							_	_		
	llowed facility of	or industry bi	o-sec	urity p	lan	Yes	⊠ No		N/A	
•	more stringent)									
	act for 72 hours pri	ior. Disposable	boots	to be w	orn and left	at the f	acility. M	et in farr	n shop o	ff
site and went of	over records.									

I. FACILITY OPERATION INFORMATION

Number and Typ	e of Animals
----------------	--------------

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)		
Swine over 55 pounds	4,850	5,200
Swine under 55 pounds		,
Laying hens		
Broilers		
Pullets		
Other:		

Number of Employees	Family	
Type of Feed System	Solid	

II. WATER SYSTEM

Water Supply Sources

•	ls	there	а	well	located	at	the	facility	/?
---	----	-------	---	------	---------	----	-----	----------	----

	How Many? 2	Yes	No		N/A	
•	Is water treatment used?	yes	No	\boxtimes	N/A	
	If so, where does back flush go?					

Drinking Groundwater Sampling

Are records of the groundwater sampling analysis properly recorded in the operation record?
 Yes ⋈ No □ N/A □
 List the dates of the last samples taken.

Groundwater Sample Results

Date	Well	TCR	Nitrate
11-11-2010	Between Barns 1 & 2	<0.1 ppm	
3-14-2011	Between Barns 1 & 2		Neg.
10-30-13	Between Barns 1 & 2	<0.1 ppm	Neg.

Grou	ndwater Mon	itoring							
•	If yes, list results		ells requires?	Yes		No	\boxtimes	N/A	
Agric	ultural Draina	ige Well							
•	Is there indication	on of an agricult	ural drainage	well (Class V we	ell) on t	he pro	perty	?	
runoff?	If yes, is the agri	cultural drainage	well likely to	have Yes		No	\boxtimes	N/A	
				Yes		No		N/A	\boxtimes
Other	Waste, Chen	nicals and Co	ntaminant	:S					
•	Is there a sanita	ry permit for this	facility?	Yes	\boxtimes	No		N/A	
	o If yes, do	es the sanitary (go to the mai	nure storage and	treatn	nent fa	cility	?	
				Yes		No		N/A	
	o If yes, is	it permitted to	do so?	Yes		No		N/A	\boxtimes
•	Are all other wher bicides and o	vaste, including	medical wa	aste, cleaning s	olutio	ns, pe	sticide	es, ferti	lizers
	manure storage			Yes		No		N/A	into a
1		ed/allowed.		harge into the m					t
	of Manure	entreis en file?		(check all that appl	Υ	.iquid	\boxtimes	Solid	
	Annual manure a	·		Yes		No		N/A	
	nure Sample						l in #/		
Barn	V	Moisture %	NH ₄ -N	Organic N	_	P ₂ O ₅		K ₂ O	
2	3-14-11	97.54	30.4	4.8		8.6		31.9	
1	3-14-11	95.09	31.6	10.2		16.4	_	34.5	
2	11-2-12	94.47	22.2	16.7		15.1	D.O.B	25.0	
1	8-6-13	95.94	20.7	12.0		8.7	_	21.0	
2	8-6-13	95.44 95.72	32.5	10.2		11.5	_	27.4	
3	8-6-13	96.77	28.9 39.8	7.7		10.5	_	25.6	
4	8-6-13	96.03	34.0	9.8		5.4		27.4	
	3-0-13	20.03	34.0	7.0		16.5		28.6	_

Sep. Solids

5-21-13

67.32

10.5

12.9

45.4

6.6

							JA21	3.		
Mt ,					-				7.70	
Separated	Solids is m	anure separated u	sing a centrifug	ge.						
• Ty	pe of manu	re storage or treat		that apply)						
Fabricated Combinati	l Structures on	. ⊠ □	Manure stora	ge pond 🛚	Ma	anure t	reatm	ent lago	on 🗆	
Fabricat	ed Struct	ure	2							
• Tvi	pe of fabric	ated structure:								
. 71	pe or labile	acca structure.	(Check all	that annly)						
tacking pad/bunker/etc			(Check all that apply) Concrete block or stave pit							
Deep pit	,,		☐ Concrete block or stave pit ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐							
ligh-rise			_		-		-	•		
•	l carthon fl	oor concrete pit		storage barn	(TOT DE	eit-batt	ery, e	ic)		
ompacted	a earther in	oor concrete pit	☐ Other-							
		U		Yes	\boxtimes	No		N/A		
ructure	Date	Maximum Oper		Current M		e Level	Sto	rage re	The second second	
arn 1	4-27-14		4"		71"			13		
arn 2	4-27-14		4"		70"	-110-1-		14"		
arn 3	4-27-14		4".	and the second	63"		189	21		
ırn 4	4-27-14	8·	4"		62"	7.000	-	22		
		nce in the operat ities for erosion, le					manı	ure stor	age or	
• Dot	he inspection	ons match the fred	quency in the m	nanure manag	emen	t plan?				
Insp	ections docu	ımented.		Yes		No		N/A		
• Are t	these regula	ar inspections pro	perly recorded	in the operati	ng rec	ord?				
				Yes	\boxtimes	No		N/A		
anure S										

Type of manure storage pond or manure treatment lagoon (and approximate dimensions) (Check all that apply)

m	anagement pl			Tu: 0	atillica		manure	1
	anagement p	lan?	Yes	\boxtimes	No		N/A	
	st the number nd that is leas	of acres utilized for land ed).	application. (Include	e botl	n land t	hat is o	owned a	ınd
		Acres owned	105					
		Acres leased						
		Other land	936.5					
		Total acres	1041.5					
			Yes		No		N/Δ	\square
• If D and	Distribution ard the most rec	outed through Distribution and Utilization method of sent manure analysis given by the Distribution and U	Yes manure removal wa n to the recipient of Yes Utilization of manu	s use the n	No d, wer nanure No nintaine	?	N/A the ope	□ eratio
• If D and	Distribution ard the most received forms for the cord for ord?	nd Utilization method of ent manure analysis given r the Distribution and U	n and Utilization me Yes manure removal wa n to the recipient of Yes	thods use the n	? No d, wern nanure No nintaine	e Appe	N/A endices N/A the ope	 A, B,
• If D and	Distribution ard the most received the record foord?	nd Utilization method of tent manure analysis given the Distribution and U	n and Utilization me Yes manure removal wa n to the recipient of Yes Utilization of manu Yes	thods s use the n	P No d, wern nanure No nintaine No	e Appe	N/A endices / N/A the ope N/A	A, B,
• If D and	Distribution ard the most received the record foord? Date 8-4,5	nd Utilization method of sent manure analysis given refer the Distribution and U Source	n and Utilization mer Yes manure removal wan to the recipient of Yes Utilization of manus Yes Amount 336,000 gal.	thods s use the n	No d, wernanure No aintaine No Desti	e Appe	N/A endices N/A the ope N/A	A, B,
• If D and	Distribution ard the most received for record for ord? Date 8-4,5 8-4,5	nd Utilization method of sent manure analysis given rethe Distribution and U Source Barn 1 Barn 2	n and Utilization meryes manure removal wanto the recipient of Yes Utilization of manus Yes Amount 336,000 gal. 251,000 gal.	thods s use the n	No d, wernanure No aintaine No Desti	e Appe	N/A endices N/A the ope N/A	A, B,
• If D and	Distribution ard the most received the record foord? Date 8-4,5 8-4,5 8-4,5	nd Utilization method of sent manure analysis given refer the Distribution and U Source Barn 1 Barn 2 Barn 3	n and Utilization meryes manure removal wanto the recipient of Yes Utilization of manury Yes Amount 336,000 gal. 251,000 gal. 385,000 gal.	thods s use the n	No d, wern nanure No nintaine No Desti Evan Se Evan Se	e Apper? chlachtechla	N/A endices / N/A the ope N/A er er	A, B,
• If D and	Distribution ard the most received for record for ord? Date 8-4,5 8-4,5	nd Utilization method of sent manure analysis given rethe Distribution and U Source Barn 1 Barn 2	n and Utilization meryes manure removal wanto the recipient of Yes Utilization of manus Yes Amount 336,000 gal. 251,000 gal.	thods s use the n	No d, wernanure No aintaine No Desti	e Appe	N/A endices N/A the ope N/A	A, B,
If D and Is t reco	Distribution ard the most red the record foord? Date 8-4,5 8-4,5 8-4,5 8-4,5	r the Distribution and U Source Barn 1 Barn 2 Barn 3 Barn 4 een moved since the last	n and Utilization meryes manure removal wanto the recipient of Yes Utilization of manury Yes Amount 336,000 gal. 251,000 gal. 385,000 gal. 410,000 gal.	thods s use the n	No d, wern nanure No nintaine No Desti Evan Se Evan Se	e Appe	N/A endices / N/A the ope N/A er er	A, B,
• If E and • Is treed Note that	Distribution ard the most received for record for ord? Date 8-4,5 8-4,5 8-4,5 manure has be racteristicall soil analysis	r the Distribution and U Source Barn 1 Barn 2 Barn 3 Barn 4 een moved since the last	n and Utilization meryes manure removal wanto the recipient of Yes Utilization of manus Yes Amount 336,000 gal. 251,000 gal. 385,000 gal. 410,000 gal. inspection.	thods s use the m	No d, wernanure No nintaine No Desti Evan Se Evan Se Evan Se	e Apper? Ination Chlachte Chlachte Chlachte	N/A N/A the ope N/A er er er	A, B,

Yes 🛛

No 🗆

N/A □

application site, whichever is less?

		ppm of Phosphoi		ayrı	rear!				
so, list thos	e fields.			Yes		No	\boxtimes	N/A	
t Budget	t								
ommercial f	ertilizer us	ed?		Yes	\boxtimes	No		N/A	
o, list amou	int of comr	mercial fertilizer u	sed						
			10-34-0.						
		-					-		
		ertilizer, and/or o	other organic	by-pr	oduct	s prop	erly r	ecorded	in the
rating recor	d?			Yes	\boxtimes	No		N/A	
g Schedi	ules								
e cropping	schedule f	or each site, inclu	ıding past yea	r and	prese	nt yea	ır, pro	perly re	orded
		•		Yes	⊠	No		N/A	
e crop yield	for each s	ite properly reco	ded in the op	eratir	ig reco	ord?			
				Yes	\boxtimes	No		N/A	
e actual cro	p yield for	each site properl	y recorded in	the o	perati	ng rec	ord?		
				Yes	\boxtimes	No		N/A	
2	012	2013	2014	Т	2	015		201	6
		220 bpa				(30)			6
					15/4016				
30	bpa	50 bpa					0.5		TV.
on Poco	rds_ N/	١							
	ing the Dis	tribution and Uti							
applied usi	ing the Dis	tribution and Util	ODENT C	TNC			mar s	4.000	
applied usi	ing the Dis	tribution and Uti	ODENT Coperly implement	ONT ented	by t	ne ow	ner o		_
applied usi	ing the Dis	tribution and Util	ODENT Coperly implement	ONT ented			ner o	operat N/A	or or
e insect and ger?	V. IN d rodent a	SECT AND R control plan pro	ODENT Coperly implement	ONT ented Yes	by tl⊠	ne ow No		N/A	
applied usi e insect and ger?	V. IN d rodent a	SECT AND R control plan pro	ODENT Coperly implement	ONT ented Yes pection	by tl⊠	ne ow No		N/A	
e insect and ger? the insect a ations and	V. IN d rodent of	SECT AND R control plan pro	ODENT Coperly implement	ONT ented Yes pection	by ti ⊠ on free ⊠	ne ow No quenc	U y to ex	N/A camine	□ pest's
	t Budge commercial fitso, list amounts 7.5 gallons seat: 200# of uthe date, rananure, corrating records e cropping the operating the operating records actual cropy seat act	so, list amount of commit 7.5 gallons of starter. at: 200# of urea top-dresthe date, rate, quantinanure, commercial for ating record? g Schedules e cropping schedule five operating record? e crop yield for each see actual crop yield for 2012 110 bpa 55 bpa	commercial fertilizer used? co, list amount of commercial fertilizer used? co, list amount of commercial fertilizer used? co, list amount of commercial fertilizer used: 7.5 gallons of starter. Half 28% and half 1 cat: 200# of urea top-dress. the date, rate, quantity and method of manure, commercial fertilizer, and/or corating record? g Schedules e cropping schedule for each site, include operating record? e crop yield for each site properly record e actual crop yield for each site properly 2012 2013 110 bpa 220 bpa 55 bpa 30 bpa 50 bpa	commercial fertilizer used? co, list amount of commercial fertilizer used co, list amount of commercial fertilizer used co. 7.5 gallons of starter. Half 28% and half 10-34-0. cat: 200# of urea top-dress. the date, rate, quantity and method of application of nanure, commercial fertilizer, and/or other organic rating record? g Schedules e cropping schedule for each site, including past year to operating record? e crop yield for each site properly recorded in the operatual cro	t Budget prommercial fertilizer used? property in the property recorded in the operating record? property is a country of the property recorded in the operating record? property is a country of the property recorded in the operating record? Property is a country of the property recorded in the operating record? Property is a country of the property recorded in the operating record? Property is a country of the property recorded in the operating record? Property is a country of the property recorded in the operating record of the property recorded in the operation of the property recorded in the operatio	t Budget Optimized Section Sect	t Budget Yes	t Budget Yes No	t Budget Yes No N/A

•	is proper maintenance of the watering system properl	y reco	rded i	n the o	peratir	ng recor	d?
		Yes		No		N/A	
•	Are daily inspections of drinking water lines being mad	le and	recor	ded in t	he ope	erating r	ecord?
	Water meters are used and information is recorded daily.	Yes		No		N/A	
	VI. MORTALITY MANAG	GEM	ENT				
•	What type of mortality management does the facility has incineration	ave?					
•	Are there inspection records properly recorded in the o	perati	ng red	ord on	morta	lity?	
		Yes	\boxtimes	No		N/A	
•	Are Best Management Practices being utilized?	Yes	\boxtimes	No		N/A	
t a	VII. OPERATING RECORD -	· GEN	JER/	AL.			
•	Are all operating records up-to-date and available for re	eview l Yes	oy the ⊠	inspec No	tor?	N/A	
•	Is a copy of the RCC, PTI, PTO and/or NPDES permit with site office?	h the o	perat	ing rec	ord or	located N/A	in the
•	Have the operating records been retained by the own years?	ner or Yes	opera ⊠	tor for No	a mir	nimum d N/A	of five
	Since Permitting						
•	Since the last inspection, have any operational changes	been r	nade :	at the f	acility?	?	
		Yes		No		N/A	
					3		
These q	VIII. VISUAL INSPECTIONS AND OUTS uestions pertaining to on-site inspections are not answered sin curity precaution concerning the PEDv.						due
Wate	er Quality Impacts						
•	Is there evidence of actual offsite discharge?	Yes		No		N/A	
•	Are there areas of concern for water quality impacts?	Yes		No		N/A	

•	Is the water well location maintained in a proper manner to avoid contamination?									
	Yes		No		N/A					

Describe the upkeep and general appearance of the following

	Above		Below		
	Average	Average	Average	Poor	Comments
Dikes and Diversion					
Ditches					
Berms					
Embankments	(4				
Pipe Runs					
Grassed Waterways					
Vegetative Cover					
Settling Basins					
Feed System					
Storage Areas					
Watering System					
Walkways or Walk					
Areas Inside Building					
Walkways or Walk					
Areas Outside Building					
Ventilation Systems,					
i.e. Fans					
Others					

VIII. SUMMARY

were the results of the inspection discussed with the owner, o	perato	r, man	ager, r	eprese	entative	or
livestock manager?	Yes	\boxtimes	No		N/A	
The results of this inspection were discussed with Chris and Jim Excellent set of records.	n Pesse	fall at 1	the tin	ne of t	he inspe	ection
Required Actions:						
Reminder Actions: 1. Manure samples must be taken annually from each storage before the facility operating records. 2. New water sample must be taken by no later than November 1, 20		ing app	olicatio	n and 1	maintain	ied in
Recommended Actions:						
"I certify that this information was reviewed with the owner, o the facility."	perato	r, man	ager, c	or repr	esentat	ive of
	5-1-201	4				7.1
Signature of Inspector	Date					
Attachment:						
Cc:						



Governor John R. Kasich • Lt. Governor Mary Taylor Director David T. Daniels Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agri.ohio.gov • lepp@agri.ohio.gov

INSPECTION FORM I. FACILITY INFORMATION

Name of Inspector: Mark Fritz Inspection Start Time: 9:05 a.m.	Date of Inspection: 5-19-2014
Purpose of Inspection: 1st Routine (1 of 1) 2nd Routine Partial	Complaint Enforcement Other
Facility: Rule 901:10-2-01(C)(1)	
Heartland Quality Egg Farm	
9800 Co. Rd. 26	
West Mansfield, OH 43358	
Phone: 937-355-5103 fax: 937-355-456	<u>55</u> =
Owner/Operator: Rule 901:10-2-01(C)(1) Weaver Brothers, Inc. 895 E. Main St.	
Versailles, OH 45380	
Phone: 937-526-3331 fax: 937-526-339	•
Tim Weaver, President	
tweaverwbi@embarqmail.com	
Contact Person (if not owner\operator):	
Steve Langston	Phil Ross, Manager
9800 Co. Rd. 26	9800 Co. Rd. 26
West Mansfield, OH 43358	West Mansfield, OH 43358

PERMIT NUMBER: <u>46-164-PTO-002</u>

Expiration Date: May 9, 2018

Email: slangston_wbi@yahoo.com

Permit Modification:

Office - 937-526-3914

Cell - 937-604-2334

Date Effective:

Major Operational Changes:

Date Effective:

Livestock Manager Name: Steve Langston #116; Phil Ross #105 (Rick Moore is no longer a CLM)
Rule 901:10-1-06

Phone: 937-355-5103 fax: 937-355-4565





Name	Certificate Number	Expiration of Certificate	Current Credits	Additional Credits Needed	
Steve Langston	#116	12/31/2016	0	10	
Phil Ross	#105	12/31/2016	0	10	

Biosecurity Info	ormation:
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Rule 901:10-5-02(B

Biosecurity suit worn; no exposure to poultry in previous 48 hours. No restriction on previous swine exposure.

Inspector followed facility or industry biosecurity plan 🛛 Yes 🔲 No 🔲 N/A whichever is more stringent

II. FACILITY OPERATION INFORMATION

Number and Type of Animals Rule 901:10-2-01(C)(2) and 901:10-1-07(A)(2)

Animal Type	Existing Number of Animals (leave blank if new)	Maximum Number of Animals (for new or expanding)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)		
Swine Over 55 pounds		
Swine Under 55 pounds		
Horses		
Sheep or lambs		
Turkeys		
Laying hens	1,514,557	1,754,910
Broilers		
Duck		
Pullets		
Others:		

House #1 = 286,886House #2 = 300,728House #3 = 244,680House #4 = 138,282 HR House #5 = 142,016 HR House #6 = 148,199 HRHouse #7 = 253,766

Number of Employees: 20 Type of Feed System: Solid





III. WATER SYSTEM

Wate Rule 901	er Supply Sources						
•	Is there a well locat How Many: <u>5</u>	ed at the facility?		⊠ Yes		No	□ N/A
•	Is water treatment u	ısed:		⊠ Yes		No	□ N/A
	<u>Iron filtration</u>	does backflush wat and peroxide injects to 1st stage lagor	ction is us	sed. App	roximately	1,600 gallo	ns per day of
Drink	ing Groundwater San	pling					
•	Are records of the g	roundwater samp	ling anal	ysis proj	perly recor	ded in the	operation
	record?		⊠ Yes	_	□No	□ N/A	
	List the dates of the la	st samples taken.				_	
901:10-2-08	Idwater Monitoring (A)(4)(I)(i)&(ii), 901:10-2-03(A)(2) Are groundwater mon If yes, list results. Iltural Drainage We	3-24-09 #1 4-5-10	Nitrate <0.10 ppm <0.10 <0.10 <0.10 0.11 ppm 0.16 ppm	Neg. Neg. Neg. Neg. Neg.	Neg.		□ N/A
•	Is there indication of a	ın agricultural dr	ainage w				
]	If yes, is the agricultura	l drainage well lik	_	Yes re runoff Yes	No. 1 No. 2 N		□ N/A ⊠ N/A
Other V 901:10-2-08(A	Vaste, Chemicals an	d Contaminants	1				
	s there a sanitary per EPA Septic Permit #05-		y? 🛛	Yes		• [□ N/A





	0	If yes, does the sanitary go to the man	nure storage and	treatment facili	ty?
	0	If yes, is it permitted to do so?	☐ Yes ☐ Yes	⊠ No □ No	 N/A N/A
•	herbic	ll other waste, including medical sides and other contaminants stored/ure storage or treatment facility?	waste, cleaning handled in a m	g solutions, per nanner that will	sticides, fertilizers, not discharge into
		·	⊠ Yes	□ No	□ N/A
	0	If no, provide brief explanation and treatment facility is permitted/allow			
		IV. MANURE STORAGE AND	TREATME	NT FACILITI	ES
	•	Type of Manure: Rule 901:10-2-10(A)			
		(Check all that apply)	⊠Liquid	⊠ Solid	
	•	Annual manure analysis on File? Rules 901:10-2-10(C), 901:10-2-16(A)(1)(b)	⊠ Yes	□ No	□ N/A
		However, none since last inspection. S	Samples will be	taken again in Ju	ine.

Manure Sample Results Type Date Moisture % Measured in NH_d-N Organic N $P_{2}O_{5}$ K_2O Barn 1 6-28-10 15.04 #/ton 3.16 83.98 76.54 47.46 Barn 2 6-28-10 20.00 #/ton 2.92 79.86 55.00 40.00 Barn 3 6-28-10 17.14 #/ton 2.72 83.84 63.24 44.82 Barn 4 6-28-10 18.53 2.88 #/ton 85.16 61.40 42.88 Barn 5 6-28-10 18.82 2.98 #/ton 96.42 58.66 40.96 Barn 6 6-28-10 17.58 #/ton 2.72 59.12 88.88 45.54 Barn 7 6-28-10 15.12 #/ton 3.46 90.08 67.82 40.72 7-27-10 Lagoon 99.80 #/1,000 g0 1.98 0.16 0.41 Barn 1 6/14/11 16.84 #/ton 5.54 64.72 76.08 49.14 Barn 2 6/14/11 16.48 #/ton 5.48 69.36 66.0 47.94 Barn 3 6/14/11 14.98 #/ton 4.8 71.84 71.94 49.38 20.03 Barn 4 6/14/11 #/ton 7.74 88.44 107.7 62.64 Barn 5 6/14/11 18.5 #/ton 3.56 72.58 109.98 66.26 Barn 6 6/14/11 14.01 #/ton 3.12 63.4 134.28 80.22 Barn 7 6/14/11 16.9 4.92 #/ton 64.28 65.54 49.88 Lagoon 6/14/11 99.82 $\#/1,000\,g$ <.01 <.01 .42 .34 Barn 1 5/29/12 12.85 #/ton 3.8 87.3 60.0 34.7 Barn 2 5/29/12 13.34 #/ton 4.1 81.1 57.3 34.7 Barn 3 5/29/12 10.34 #/ton 4.0 68.9 66.5 37.3 Barn 4 5/29/12 10.3 #/ton 3.4 73.5 59.6 38.8 Barn 5 5/29/12 9.64 3.6 #/ton 83.8 68.3 39.5 Barn 6 5/29/12 9.86 #/ton 3.3 66.0 65.1 36.7 Barn 7 5/29/12 10.74 #/ton 4.7 76.9 71.0 39.8 Lagoon 5/29/12 99.84 #/1000g < 0.01 < 0.01 0.17 0.33 Barn 1 6/25/13 17.7 #/ton 4.1 70.6 67.0 44.8 2.5 Barn 2 6/25/13 15.48 #/ton 95.1 50.9 42.4 Barn 3 6/25/13 15.23 #/ton 4.1 54.6 65.5 46.0 Barn 4 6/25/13 16.44 #/ton 3.2 79.3 72.4 46.5 Barn 5 6/25/13 19.8 #/ton 4.0 66.7 67.4 43.6





Type	Date	Moisture %	Measured in	$NH_{d}-N$	Organic N	P2O5	K20
Barn 6	6/25/13	17.71	#/ton	2.3	76.1	51.3	41.9
Barn 7	6/25/13	16.61	#/ton	3.9	63.7	68.3	53.0
Lagoon	6/25/13	99.83	#/1000g	1.0	0	0.2	0.3

In 2010, manure sampling was changed to June to give a more representative sample of the manure applied on the fields. The nutrient levels are generally higher and the moisture generally lower when the samples are taken later.

•	Type of manure storage of Rule 901:10-2-04 (Check all a September 1) Check all a September 2	that apply)	storage ;	pond	
Fabricated St	ructure				
•	Type of fabricated structs Rule 901:10-2-05 (Check all t Stacking pad/bunker/etc Deep pit High-rise Other Is there a six-inch minimu	hat apply) Concrete Above gi Manure Compace	round tar storage b ed earth	r stave pit nk (metal/concret parn (for belt-bat en floor concrete	tery, etc) pit
·	manure or subject to prec	uu or rreeboaru initation/runoff	ior an s	torage structur	es containing liquid
	Rules 901:10-2-05, 901:10-2-08(A)(4)		Yes	□ No	⊠ N/A
	Are records maintained of Rule 901:10-2-16A)(l)(a)(iii)	n storage capaci		nure volume?	□ N/A
	Structure	Total Capacity	Date	Manure Level	
	1 (manure storage)	15'	5-5-14	4.0'	
	2 (manure storage)	15'	5-5-14	3.5'	
	3 (manure storage)	15'	5-5-14	3.0'	
	New 4 (hi-rise)	51	5-5-14	3.5'	
	New 5 (hi-rise) New 6 (hi-rise)	5' 5'	5-5-14	3.5'	
	New 7 (manure storage)	15'	5-5-14	3.5'	
The			5-5-14	4.5'	ACREC DE CA
depth	manure levels for both man n of the pile (if manure was	spread across ent	and hi-r ire area	of the barn).	estimated average
• D	s there evidence in the torage or treatment facilit ule 901:10-2-08(A)(4)(e) & 901:10-2-16(A) To the inspections match the policy of the poli	ies for erosion, l (1)(a)(ii) The frequency in the strength of the strengt	eakage, 'es 'he man	animal damage	e or discharge?





	•		these regular insp 01:10-2-08(A)(4) and 901:10		properly recorded in t	he operating r	ecord?
Manure	Stor	age P	ond or Manure	Treatr	nent Lagoon		
	•	Egg v 2 nd sta 3,500	ensions) Rule 901:10-2 (Check earthen manure storain number of ponds etc)) wash goes to 1st st age pond, via trans 0 - 4,100 gallons /	all that a rage pon s/lagoons tage por sfer pipe day egg	d Earthen mas, type of liner system instand, which is aerated by we. 2 nd stage contents irrigawash production.	nure treatment lled (plastic, reco vindmill. 1 st sta ated through ce	lagoon ompacted soil, in-situ ge gravity flows to nter pivot.
		appro		orm, if t	reeboard, plus the voles tructure is subject to the structure is subject to Yes		
Ti.	П	ate	Structure	MOL	Current Manure Level	Storage Rema	ining
		19-14	North – 1 st stage	10'	7.0'	3.0'	innig
8	5-	19-14	South - 2 nd stage	10'	8'	2'	
	Cei	iter Piv	vot moved in 2011	to cove	r new ground.	-	
	•	Are re	ecords maintaine :10-2-16(A)(1)(a)(iii) & 901	d on sto	orage capacity or manu (8) & 901:10-2-08(A)(4)(c) Yes	re volume?	□ N/A
	•	storag		cilities	rating record of regul for erosion, leakage, an Yes	_	
		convey	yances, diversion anure storage poi	devices	erating record of weels and devices channeling anure treatment lagoor	ng contaminaton?	ed stormwater to
		Kule 901:	10-2-16(A)(1)(a)(iv)		△ Yes	∐ No	□ N/A
	•	Do the	e inspections mate	ch the f	requency in the manure	_	_
		Inspect	ted and recorded v	veekly.	⊠ Yes	□ No	□ N/A
			ese regular inspe	ctions p	roperly recorded in the	e operating rec	ord?
					⊠ Yes	□ No	□ N/A





		manure storage pond or manur Rules 901:10-2-06(A)(2), 901:10-2-08(A)(4)(0) and	e treatment lagon	n and properly on?	y functioning in the
		The top of the 2 nd stage Pond stafe but was replaced last fall once liq	Yes f gage cracked dur uid levels were lov	No ing a windstorm v enough to allo	N/A n on July 22 nd , 2013, w access.
		Is the vegetation near the man properly maintained? Rule 901:10-2-08(A)(4)(j) & (k)	ure storage pone	d or the manu	re treatment lagoon
		Area around lagoons is stoned exc	Yes ept on east side, w	No hich is grassed.	□ N/A
	•	Are the maintenance inspection structures, devices channeling of the operating record? Rules 901:10-2-16(A)(1)(a)(v) & 901:10-2-08(A)(4)(4)(4)(4)	ontaminated stor	ter conveyance mwater, etc. p	es, runoff diversion roperly recorded in
			⊠ Yes	□ No	□ N/A
¥	•	Is the schedule for manure ren manure management plan? Rules 901:10-2-08(A)(4)(g), 901:10-2-10(B), 901:10-2			val outlined in the
		1 () () () () () () () () () (Yes	□ No	□ N/A
	•	List the number of acres utilized owned and land that is leased).			
		Rules 901:10-2-09(C), 901:10-2-16(A)(1)(c)(ii)	Acres owned Acres leased Other land Total acres	0	
	•	Was manure applied on snow-cov	ered or frozen gr	ound? No	□ N/A
٥	•	If so, was the application site approv	ved for application Yes	?	⊠ N/A
Distributi	on &	Utilization			
	•	Is manure distributed through Dis	tribution and Util		
		Signed agreement with Don Hays, ov	wner of land under	No center pivot.	∐ N/A
7					





While Weaver-Heartland owns the center pivot, Mr. Hays now makes decisions on timing and rates of application. Weaver-Heartland fills out the manure application records for Don, gives him the originals and keeps copies in the operating record. These copies were available for review on day of inspection, as well as the signed agreement. Review of these D&U manure application records showed that ODA rules were being (voluntarily) observed.

•	• If Distribution and Utilization Appendices A, B, F and the most remanure?	method of mar cent manure ana	nure removal llysis given to th	was used, were e recipient of the
	Rule 901:10-2-16(A)(1)(e)(iv) & 901:10-2-11(A)	⊠ Yes	□ No	□ N/A
•	operation record?	_	_	
	Rule 901:10-2-16(A)(1)(e)(i)(ii)(lii) & 901:10-2-11(B)	⊠ Yes	□ No	□ N/A
<u>In 2013, 18,2</u> 2,46	00 tons of litter were sold to CLM Adam 66,000 gallons of egg-wash lagoon water	Hollinger and to were distributed t	a neighbor. o Don Hays, via	a center pivot.
To date in 20	14, 4,418 tons of litter have been sold to 324,000 gallons of egg-wash lagoon v			
Egg wash lag	oon water is applied at one-half inch per in to the 26 acre center pivot on Don Hay	acre per applications field.	on. The pump tra	ansfers 350
Most litter sol	d to CLM Adam Hollinger.			
Soil Characte All manure i	eristics - <u>NA</u> s removed through D&U Are all soil analysis properly reco years?	rded in the ope	rating record	for the last five
	Rule 901:10-2-16(A)(1)(c)(vi) & 901:10-2-13(D)	☐ Yes		⊠ N/A
	(The analysis records must b	e taken every thi	ree years).	
•	Are the soil samples representative of sample representing no more than for each land application site, which	twenty-five acre		
	Rule 901:10-2-13(C)	Yes	□ No	⊠ N/A
•	Do any fields exceed 150 ppm of Pho Rules 901:10-2-14(D)(E)(3) & 901:10-2-16(A)(1)(c)(xiii)	sphorous on the		⊠ N/A
	* If so, list those fields.			
Nutrient Budg All manure is	get - <u>NA</u> removed through D&U			
•	Is commercial fertilizer used?			





	Rules 901;10-2-09(C)(2)	∐ Yes	∐ No	\bowtie N/A
	* If so, list amount of commercial the Rule 901:10-2-16(A)(1)(c)(xiv)	fertilizer used.		
	 Are the date, rate, quantity and method of and source of manure, commercial fert properly recorded in the operating record 	ilizer, and/or	of the nutrient, other organic	and/or forn by-product
	Rule 901:10-2-16(A)(1)(c)(xiv)	Yes	□ No	⊠ N/A
	Schedules - <u>NA</u> e is removed through D&U			
	Is the cropping schedule for each site, properly recorded in the operating record?	including pa	st year and pr	esent year,
	Rule 901:10-2-16(A)(1)(c)(vili)	☐ Yes	□ No	⊠ N/A
	• Is the crop yield for each site properly reco	rded in the op	erating record?	⊠ N/A
	• Is the actual crop yield for each site proper Rule 901:10-2-16(A)(1)(c)(xi)	ly recorded in	the operating re	cord?
Application	Records - NA - See comments in Distribution and	nd Utilization s	ection on page 8.	
	• If liquid manure is applied, are drain plugs Rule 901:10-2-16(A)(1)(c)(iv)	being used? ☐ Yes	□ No -	⊠ N/A
	• If liquid manure is applied, are observation in the operating record? Rule 901:10-2-16(A)(1)(c)(iii) & 901:10-2-14(G)(2)(a)[Winter only]	s of subsurfac	e drains properl	y recorded
		☐ Yes	☐ No	N/A
•	 Has the equipment for land application be recorded in the operating record? Rules 901:10-2-08(A)(2) 	een inspected,	maintained and	d properly
	· · · · · ·	☐ Yes	□ No	⊠ N/A
	Are there records in the operating record o such as soil cracks?	n soil conditio	ons at times of a	oplication,
	Rule 901:10-2-16(A)(1)(c) (xvi)	☐ Yes	□ No	⊠ N/A
•	Are application rates and nutrients application itrogen and phosphorus?	ed in accorda	nnce with ODA	rules for
	Rule 901:10-2-14(D),(E)	☐ Yes	□ No	⊠ N/A
•	Are liquid application rates based on the Ava	ailable Water	Canacity chart?	
	Rule 901:10-2-14(C)(1)(d)	Yes	□ No	⊠ N/A





9

Are the before a	re record	ls of ge	eneral we re applica	eather condi	tions, t	emperati	ure and rain	fall 24 hours
	-2-12 and 90			ttions:	□ Y	es	□ No	⊠ N/A
Are seth Appendix A	acks ma	intaine	d and pr	operly recor 2-16(A)(1)(c)(vii)	rded in	the opera	ation record	?
Appendia A	or Rule 901.1	v-2-14 and	Kule 901;10-	2-16(A)(1)(C)(VII)	□ Y	es	□ No	⊠ N/A
• Is there	evidence	of doc	umented	use of veget	tative c	over to p	rotect strean	n channels?
Autos 701,10	-2-14, meraun	ig Append	IX A A RO 901;	10-2-16(A)(1)(e)(vi	" 🗌 Y	es	□ No	⊠ N/A
	VI.	INSEC	CT AND	RODENT	CONT	ΓROL		
• Is the in operator	nsect an	d rode	ent conti	ol plan pr	operly	impleme	ented by the	e owner or
Rule 901:10-2		0	(a)(viii))		⊠ Yes		□ No	□ N/A
• Does the	insect	and r	odent co	ontrol plan	descril	be the i	nspection fr	equency to
examine Rule 901:2-19(pulatio	ons and p	est activities	s? ⊠ Y€	es	□ No	□ N/A
• Are these Rule 901:10-2-			operly re	corded in th	e opera Ye		ord? No	□ N/A
Operating	Ť -	r	r -				rvations 5-19	9-14
Date in O. R.	Barn	Flies	Larvae	Beneficials	Flies	Larvae	Beneficials	
5-12-14	1	F	F	F	F	F	F	
5-12-14	2	F	F	F	F	F	F	
5-12-14	3	F	F	F	F	F	F	
5-12-14	4 (HR)	F	F	F	F	F	M	
5-12-14	5 (HR)	F	F	M	F	F	A	
5-12-14	6 (HR)	M	F	M	F	F	M	
5-12-14	7	F	F	F	F	F	F	
observations: e in Barns 1, 2,	3 was m	oist, bu	t not slun	ping. Manu	re in Ba	ırn 7 driei		
nure was 5 ft. hi								
6 manure was				moist.				
nd larvae in all	manure s	torages						

Additional

- -The manure
- -Barn 4 man
- -Barn 5 and
- -Few flies an
- -Visual monitoring is used. Action level for flies is at a "5" rating (6-10 flies per sq. ft for 30 seconds)
- -Action level for larvae is a "moderate" rating (50% of monitored spots have larvae present)
- -Insect control is biologically based, with chemical sprays used only when necessary.
- -Rodent Action level is a "2" rating, which is a total of 11 rodents or more in 12 traps/week/building.
- -FDA is not requiring Weaver-Heartland to perform complete manure cleanouts. 25% of manure is removed at a time.





1	Is proper maintenance of the w record?	atering system p	roperly recorded	in the operating
	Rule 901:10-2-19(B)(3)(a)(ii)		Yes No	□ N/A
	Are daily inspections of drinki operating record?	ng water lines h	peing made and	recorded in the
	Rule 901:10-2-08(A)(4)(n) & 901:10-2-19(B)(3)(a)(ii)) X	Yes No	□ N/A
	VII. MORTALIT			
Mort enclo	What type of mortality managem Rule 901:10-2-15 and 901:10-2-16(A)(1)(D)(i) ality is sent to the landfill, Buckeye W used in a building and has automatic mi	aste in Bellefontair	ne, once a week.	The dumpster is
•	Are there inspection records mortality?	properly recorde	ed in the opera	ating record on
	Rules 901:10-2-15 and 901:10-2-16(A)(1)(f)(ii)	\boxtimes Y	es No	□ N/A
•	Are Best Management Practices b	oeing utilized?	es 🗌 No	□ N /A
	VIII. OPERATING R	ECORD – GEN	IERAL	
•	Are all operating records up-to-da	ate and available	for review by the	inspector?
	Rules 901:10-2-08 and 901:10-2-16	⊠ Yes	□ No	□ N/A
•	Is a copy of the RCC, PTI, PTO a located in the site office? Rule 901:10-2-01(B)(3) for PTI 901:10-2-07(E) for PTO & NPDES	nd/or NPDES per	rmit with the ope	rating record or
	901:10-1-07 for RCC as being part of PTO	⊠ Yes	□ No	□ N/A
•	Have the operating records been a of five years?	retained by the ov	wner or operator	for a minimum
	Rule 901:10-2-16(A)(1)	⊠ Yes	□ No	□ N/A
•	Since the last inspection, have any Rule 901:10-1-09(F)	operational chang	ges been made at No	the facility?
	IX. VISUAL INSPECTIONS A	ND OUTSIDE I	NFORMATIO	N
Water Quality •	Impacts Is there evidence of actual offsite d Rules 901:10-2-08 and 901:10-2-16(A)(1)(a)	ischarge?	⊠ No	□ N /A





•	Are there areas of concern for water Rules 901:10-2-08 and 901:10-2-16	r quality impact	s? No	□ N/A
•	Is the water well location maintained Rule 901:10-2-02(A)(1)&(2)	d in a proper ma	anner to avoid c	ontamination?
•	Facility upkeep and general appeara Above average Be	nnce:? elow average	☐ Average	☐ Poor

Describe the upkeep and general appearance of the following:

	Above Average	Average	Below Average	Poor	Comments
				ill sign	
Diversion Ditches					na
Diversion Dikes				Decision of the last	na
Berms				Ilay iisa	na
Embankments					na
Pipe Runs	TO A SECURE ALUM	(CHOICE OF COME	MINISTRA	A LINE A	na
Grassed Waterways	x				
Vegetative Cover	X	N DEAL OFF	NAME OF THE OWNER.	53017	
Contour Grass Strips				C-10 p-10	na
Settling Basins	Water Name of the last			11 1/2	na
Feed System	x	and the second			2250
Storage Areas	x	CE VE LO		VIII IN IN	The street
Watering System	x				
Walkways or Walk Areas Inside Building	x	ALCO DE LA	HELION BOX STREET	BEURSAL	U.S. C. U.S.
Walkways or Walk Areas Outside Building	x				
Feed Alleys		LI CHARLES	MILL AND STATE	SUUGE	na
Chemicals	X				
Screens	A CHANGE TO SEE	ELLY MEST	THE WAR STATE OF THE STATE OF T	Thirties I	na
Ventilation Systems, i.e. Fans	х				
Others					





X. SUMMARY

	•	Were the n	discussed w	perator, manager,	
		representative or livestock manager	? ⊠ Yes	□No	□ N/A
<u>Discussed</u>	with	Steve Langston.			
The results	will	be sent to either the owner, operator, n	nanager, repre	sentative or livest	ock manager.
Required A	Actio	ons:			
• Clo	sely	Actions: monitor moderately moist manure in E	Sarns 5 and 6	for any increae in	larvae and fly
	201	ons: 4 Groundwater analyses will be due ne 4 Annual Report is due to be submitted		January 31, 2015.	
"I certify the representat	at t	his information was reviewed by the or livestock manager of the facility."	inspector and	d/or the owner, o	perator, manager,
Mai h		trut			
Report prepa	red	June 19, 2014			
Cc: Steve I Logan	_	•			





Governor John R. Kasich • Lt. Governor Mary Taylor Director David T. Daniels Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agri.ohio.gov • lepp@agri.ohio.gov

Inspection	Start Tin	ne 1:	:00 p.m.										
							ectic						
	13	^t Routin	ne 🛚	2 ^{na} Ro	outine		3rd Rou	tine		Other [
Facility							Own	er\	Oper	ator			
Name	Woodb	ury Hogs	.				Name		Gary Wo	oodhury			
Address	10697 0					Addres	SS		hio-Indiar	na State	Line Ro	l.	
City	Union C	ity		Zip	4539	0	City		Union C	ity	Zip	45390	
Phone	937-968	3-6167			1		Phone		937-968	-6167			
Email	woodbu	ryweldir	ng@embai	rqmail.	.com		Email						
Email	Dwoodb	ury4@h	otmail.co	n									
Email Email Permit I	Dwood	bury4@l	ng@emba hotmail.co		l.com	Cell							
Permit Numb	er	19-03	4-PTO-002	<u> </u>						Expirati	on Date	5/1	13/2019
Permit Modif	ication									Effective			,
Major Operat	ional									Effective	e Date		
Change		1 42 2	204.4										
The PTO was re		tock I	Manag					á .					
	-	Name	Certifica	ate Nu	ımber	Expir	ation D	ate	CEUs /	Date			
	L						Ÿ						
Bio-secu	rity In	forma	ation:										
Inspector for (whichever is No exposure health concer answered as	more str to swine rns at the	ringent) within 2 facility	24 hours. . All ques	Recor	rds ins pertai	pected ning to	at Gary on-site	's of insp	ections	are not a	nswere	N/A ility due	□ e to

I. FACILITY OPERATION INFORMATION

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		(10) West of expanding radiities
Dairy heifers		
Mature cows (milked or dry)		
Swine over 55 pounds	3,840	3,840
Swine under 55 pounds		5,6.15
Laying hens		
Broilers		
Pullets		
Other:		
Number of Employees	3	
Type of Feed System	solid	1
a la		
	Sampling	
If so, where does back flu Drinking Groundwater	ush go? Sampling dwater sampling analysis properly re Yes No	
If so, where does back flu Prinking Groundwater • Are records of the ground List the dates of the last s	ush go? Sampling dwater sampling analysis properly re Yes No	corded in the operation record?
If so, where does back flu Prinking Groundwater • Are records of the ground List the dates of the last s	ush go? Sampling dwater sampling analysis properly re Yes No amples taken.	corded in the operation record?
If so, where does back flu Prinking Groundwater • Are records of the ground List the dates of the last s	Sampling dwater sampling analysis properly re Yes ⊠ No amples taken. Groundwater Sample Results	corded in the operation record?
If so, where does back flu Prinking Groundwater • Are records of the ground List the dates of the last s roundwater Monitoring • Are groundwater monitor	Sampling dwater sampling analysis properly re Yes ⊠ No amples taken. Groundwater Sample Results	corded in the operation record? N/A
If so, where does back flu Prinking Groundwater • Are records of the ground List the dates of the last s roundwater Monitoring • Are groundwater monitor	ring wells required? Sampling dwater sampling analysis properly re Yes ⋈ No amples taken. Groundwater Sample Results Yes Date TCR Nitrate Location 2/2/10 Neg .15 ppm Barn #2	corded in the operation record? N/A
If so, where does back flu Prinking Groundwater • Are records of the ground List the dates of the last s roundwater Monitoring • Are groundwater monitor	Sampling dwater sampling analysis properly re Yes ⊠ No amples taken. Groundwater Sample Results ring wells required? Yes Date TCR Nitrate Location	corded in the operation record? N/A

2/12/13 Neg .11 ppm Barn #2

The 2014 well tests were due to be completed around February 12, 2014. Forward results to Christine Pence immediately.

Agricultural Drainage Well

•	Is there indica	tion of an agricu	ultural drainag	ge well (Class V)	vell) d	n the pr	operty	/ ?	
runoff?	If yes, is the ag	ricultural draina	ge well likely t	o have	es 🗆	No	\boxtimes	N/A	
				Ye	s 🗆	No		N/A	\boxtimes
Other	Waste, Che	micals and C	Contaminan	its			_	,,,,	
• 1	ls there a sanit	ary permit for t	his facility?	Ye	s 🗆	No	\boxtimes	N/A	
	o If yes, o	does the sanitar	y go to the ma	anure storage a	d trea	atment f	acility	?	
	o If yes,	is it permitted t	o do so?	Ye	s 🗆	No		N/A	\boxtimes
h	erbicides and	waste, including other contamination	nants stored/h	vaste, cleaning andled in a ma	solu nner t	ions, po	esticid not di	es, ferti scharge	ilizers into a
n	nanure storage	e or treatment f	acility?	Ye		No		N/A	
fa	acility is permi	tted/allowed.		scharge into the					
Type o	III. MA	tted/allowed.	RAGE AN		ENT		ITIES	Solid	
Type o	III. MA	tted/allowed.	RAGE AN	D TREATM	ENT	FACIL	-		
Type o	III. MA f Manure nnual manure	tted/allowed. ANURE STO analysis on file?	RAGE ANI	D TREATMI (check all that ap	ENT ply	FACIL Liquid No		Solid N/A	
Type o	III. MA f Manure nual manure oure Sample	tted/allowed. ANURE STO analysis on file? e Results (Sol	RAGE AN	D TREATMI (check all that ap	Ply	FACIL Liquid No	□ d in #/	Solid N/A	
Type of Mar	III. MA f Manure nual manure Date 7/20/10	analysis on file? Results (Sol Moisture % 95.93	RAGE AN	Check all that ap Yes d in #/ton - liq Organic N 13.04	Ply wid m	FACIL Liquid No leasured	□ d in #/	Solid N/A /1,000g)	
Type of Mar Type Pond 1 Lagoon	III. MA f Manure nual manure Date 7/20/10 7/20/10	analysis on file? Results (Sol Moisture % 95.93 99.29	RAGE ANI	Check all that ap Yes d in #/ton - liq Organic N 13.04 1.24	ply wid m	FACIL Liquid No neasurecep205 36.02 .74	□ d in #/	Solid N/A /1,000g) K₂O	
Type of Mar Type Pond 1 Lagoon Pond 1	f Manure nure Sample Date 7/20/10 6/1/11	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8	RAGE ANI lids measure NH ₄ -N 10.86 4.29 8.06	Check all that ap Yes d in #/ton - liq Organic N 13.04 1.24 2.6	ply wid m	FACIL Liquid No neasuree P205 36.02 .74 5.04	d in #/	Solid N/A /1,000g) K ₂ 0 11.63 8.63 8.90	
Type of An Mar Type Pond 1 Lagoon Pond 1 Lagoon	III. MA f Manure nure Sample 7/20/10 7/20/10 6/1/11 6/1/11	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8 99.3	RAGE ANI lids measure NH ₄ -N 10.86 4.29 8.06 4.63	Check all that ap Yes d in #/ton - liq Organic N 13.04 1.24 2.6 .42	ply wid m	FACIL Liquid No neasuree P205 36.02 .74 5.04 .76	d in #/	Solid N/A /1,000g) K ₂ 0 11.63 8.63 8.90 7.02	
Type of Mar Type Pond 1 Lagoon Pond 1 Lagoon Lagoon	III. MA f Manure nure Sample 7/20/10 7/20/10 6/1/11 6/1/11 5/7/12	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8 99.3 99.24	RAGE ANI lids measured NH ₄ -N 10.86 4.29 8.06 4.63 4.34	Check all that ap Yes d in #/ton – liq Organic N 13.04 1.24 2.6 .42 .08	ply wid m	FACIL Liquid No neasured P205 36.02 .74 5.04 .76 .75	d in #/	Solid N/A /1,000g) K ₂ 0 1.63 .8.63 .8.90 7.02 8.80	
Type of All Main Type Pond 1 Lagoon Pond 1 Lagoon Lagoon Pond 1	III. MA f Manure nure Sample 7/20/10 7/20/10 6/1/11 6/1/11 5/7/12 5/7/12	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8 99.3 99.24 97.89	RAGE ANI NH ₄ -N 10.86 4.29 8.06 4.63 4.34 11.05	Ves d in #/ton - liq Organic N 13.04 1.24 2.6 .42 .08 .92	ply wid m	FACIL Liquid No neasured P205 36.02 .74 5.04 .76 .75 0.72	d in #/	Solid N/A /1,000g) K ₂ 0 21.63 8.63 8.90 7.02 8.80 22.9	
Type of All Mar Type Pond 1 Lagoon Pond 1 Lagoon Lagoon Pond 1 Pond 1	III. MA f Manure nure Sample 7/20/10 7/20/10 6/1/11 6/1/11 5/7/12 5/7/12 7/15/13	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8 99.3 99.24 97.89 98.8	RAGE ANI NH ₄ -N 10.86 4.29 8.06 4.63 4.34 11.05 11.2	Ves d in #/ton - liq Organic N 13.04 1.24 2.6 .42 .08 .92 1.6	ply wid m	FACIL Liquid No neasured P205 36.02 .74 5.04 .76 .75 .0.72 2.5	2 1 1 1 1	Solid N/A /1,000g) K ₂ 0 1.63 8.63 8.90 7.02 8.80 22.9 13.5	
Type of All Main Type Pond 1 Lagoon Pond 1 Lagoon Lagoon Pond 1 Lagoon Lagoon Pond 1 Lagoon	III. MA f Manure nure Sample 7/20/10 7/20/10 6/1/11 6/1/11 5/7/12 5/7/12 7/15/13 7/15/13	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8 99.3 99.24 97.89 98.8 99.19	RAGE ANI NH ₄ -N 10.86 4.29 8.06 4.63 4.34 11.05 11.2 4.7	Ves d in #/ton - liq Organic N 13.04 1.24 2.6 .42 .08 .92	ply wid m	FACIL Liquid No neasured P205 36.02 .74 5.04 .76 .75 0.72	2 1 1 1 1	Solid N/A /1,000g) K ₂ 0 21.63 8.63 8.90 7.02 8.80 22.9	
Type of All Mar Type Pond 1 Lagoon Pond 1 Lagoon Pond 1 Lagoon Pond 1 Type Pond 1	III. MA f Manure nure Sample 7/20/10 7/20/10 6/1/11 6/1/11 5/7/12 5/7/12 7/15/13 7/15/13 anure tests are	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8 99.3 99.24 97.89 98.8 99.19 e due yet in 2014 storage or treatr	RAGE ANI lids measure NH ₄ -N 10.86 4.29 8.06 4.63 4.34 11.05 11.2 4.7 4. ment facility: (Check al	Ves d in #/ton - liq Organic N 13.04 1.24 2.6 .42 .08 .92 1.6 .7	ply wid m	FACIL Liquid No neasured P205 36.02 .74 5.04 .76 .75 .0.72 2.5	2 1 1 1 1	Solid N/A /1,000g) K ₂ 0 1.63 8.63 8.90 7.02 8.80 22.9 13.5	
Type of All Mar Type Pond 1 Lagoon Pond 1 Lagoon Pond 1 Lagoon Pond 1 Type Pond 1	III. MA f Manure nure Sample 7/20/10 7/20/10 6/1/11 6/1/11 5/7/12 5/7/12 7/15/13 7/15/13 anure tests are Structures	analysis on file? Results (Sol Moisture % 95.93 99.29 98.8 99.3 99.24 97.89 98.8 99.19 e due yet in 2014 storage or treatr	RAGE ANI NH ₄ -N 10.86 4.29 8.06 4.63 4.34 11.05 11.2 4.7 4.	Ves d in #/ton - liq Organic N 13.04 1.24 2.6 .42 .08 .92 1.6 .7	ply wid m	FACIL Liquid No neasured P205 36.02 .74 5.04 .76 .75 .0.72 2.5	d in #/	Solid N/A /1,000g) κ ₂ 0 1.63 8.63 8.90 7.02 8.80 22.9 13.5 18.7	

Fabricated Structure

•	Type of fabric	ated struct	ture:					N/	A		
Deep pi High-ris			te pit		Above ground tank (metal/concrete/other) Manure storage barn (for belt-battery, etc)						
	Is there a six-i subject to pre			eeboa	ard for all stora	ge struct	ures co	ontaini	ing liq	juid man	ure or
	subject to pre	cipitation	unons			Yes		No		N/A	\boxtimes
•	Are records m	aintained o	n storag	e car	acity or manu	e volume	.?			•	
				,	and the second		_			21/2	
						Yes		No		N/A	\boxtimes
					ecord of regula e, animal dama				man	ure stora	age or
						Yes		No		N/A	\boxtimes
• [o the inspect	ions match	the free	u ono	y in the manur			nlan?			
	o the hispect	ions maten	the freq	uenc	y iii tile manur		ment			NI/A	
						Yes	Ш	No		N/A	\boxtimes
• 4	Are these regu	lar inspecti	ons prop	erly	recorded in the	operatir	ng reco	ord?			
						Yes		No		N/A	\boxtimes
Manur	e Storage P	ond or N	/lanure	Tre	atment Lag	oon					
• T	ype of manure	storage p	ond or m		re treatment la Check all that app		d appr	oxima	te din	nensions)
Earthen	manure stora	age pond	\boxtimes		hen manure t		t lago	on		N/A	
					system installe					-	oil,
	2 storage-treatn	nent structu	res; the 1	st sta	ge settling pond	and a 2nd	stage la	agoon.			
• Is	there twelve-	inches of f	reeboard	l, plu rainf	s the volume n						
	,		,			Ye	s 🗵	No)] N/A	A
• Ar	re records mai	ntained on	storage	capa	city or manure	volume? Yes		No		N/A	
	Date	Structure	Мах. Ор	. Leve	Current Level	Storage R	emainir	ng to M	OL		
	6/23/13	2 nd stage	15'		Down 72"	18"					
	12/1/13	2 nd stage	15'		Down 72"	18"					
	5/11/14	2 nd stage	15'		Down 79"	11"					

For clarification, when measuring the amount of storage in the 2nd stage lagoon, Gary measures from the top of the access pipe down to the liquid level. Those measurements are recorded, then Gary needs to subtract 54" from the actual measurement to determine the amount of storage left. For example, if the actual measurement from the top of the pipe down to the liquid level is 84", subtract 36" (top of pipe elevation (50) minus the top of levee (47) then an additional 18" for freeboard to determine the amount of storage left, which would be 30" in this case. [84"-54" = 30" left to the MOL].

 Is there evidence in the operating record of regular treatment facilities for erosion, leakage, animal damag 	•			manu	ire stor	age or
	Ye	s 🗵	No	D	N/A	\
 Is there evidence in the operating record of weekly in diversion devices and devices channeling contaminat 	•				-	
pond or manure treatment lagoon?	Yes	\boxtimes	No		N/A	
 Do the inspections match the frequency in the manure 	manag	gemen	t plan?			
	Yes	\boxtimes	No		N/A	
Recorded weekly on their own form, and information transferred to OI	DA form	month	ily.			
 Are these regular inspections properly recorded in the or 	perati	ng rec	ord?			
	Yes	\boxtimes	No		N/A	
Is the level indicator(s) conspicuously located and prop	erly fu	ınction	ing in	the ma	anure st	orage
pond or manure treatment lagoon?	Yes	\boxtimes	No		N/A	
A unique staff gauge has been installed. It is a pvc pole attached to a flo stamped into the metal which is attached to the pole. In addition, a ma black mark designating the MOL.	rker wa	s instal	led in t	he bank	itself wi	ith a
 Is the vegetation near the manure storage pond or the maintained? 		nure t		ent lag		
All questions pertaining to on-site inspections are not	Yes		No		N/A	\boxtimes
answered since on-site inspection was not made due to bi	osecui	rity pr	ecauti	ions.		
 Are the maintenance inspections for stormwater con devices channeling contaminated stormwater, etc. prop 						
	Yes		No		N/A	
IV. MANURE MANAGE	MEN	IT				
Is the schedule for manure removal or manure residual	remov	al outli	ined in	the m	anure	
management plan?	Yes	\boxtimes	No		N/A	
In 2010, there were records of 1,067,625 gallons applied to 146 acres from 2011, a total of 1,524,375 gallons was applied to 88.93 acres over growing gallons were land applied from the facility. In 2013 through December 6 from Pond 1 and land applied to "Dads" field in IN (50 acres at 4,000 g/a	ng crop , a total	s. In 20	12, a to	tal of 2	,816,320)
From April 21, 2014-May 19, 2014, there were records of 175,000 g app	olied via	a tank t	o the F	ifty farr	n (50 acı	res)

(IN). An additional 460,000 g applied via travelling gun to the Home-S (50ac). Both removals from the 1st stage

pond.

• List the number of acres utilized for land application. (Include both land that is owned and land that is leased).

Acres owned	376
Acres leased	
Other land	
Total acres	293 avallable

•	Was manure applied on snow-covered or frozen ground? * If so, was the application site approved for application?	Yes		No	\boxtimes	N/A	
		Yes		No		N/A	\boxtimes
•	Is manure distributed through Distribution and Utilization	on me Yes	thods	i? No	\boxtimes	N/A	
•	If Distribution and Utilization method of manure removand the most recent manure analysis given to the recipie					endices	A, B, F
		Yes		No		N/A	\boxtimes
•	Is the record for the Distribution and Utilization of	manu	re ma	aintain	ed in	the ope	eration
	record?	Yes		No		N/A	
Soil	Characteristics						
•	Are all soil analysis properly recorded in the operating re	ecord [•]	for th	e last f	ive ye	ars?	
	(The analysis records must be taken every three years)	Yes	\boxtimes	No		N/A	
	Soil tests are current. In 2013, Mote Ag. Service grid sampled al	ll fiel d s	. All fi	elds we	re <150	ppm of	Ρ.
•	Are the soil samples representative of a land application representing no more than twenty-five acres or one com-				-		-
	application site, whichever is less?	Yes		No		N/A	\Box
•	Do any fields exceed 150 ppm of Phosphorous on the Bra	ayP1 t	est?				
	* If so, list those fields.	Yes		No	\boxtimes	N/A	
Nutri	ient Budget						
•	Is commercial fertilizer used? *If so, list amount of commercial fertilizer used	es [No	\boxtimes	N/A	
	Are the date, rate, quantity and method of application of of manure, commercial fertilizer, and/or other organic						
	operating record?	Yes	\boxtimes	No		N/A	
Ac a ron	ginder an fields with soil test hetween 100 150 nnm. ODA rule	06 4041	uiro th	at Pho	nhata	ho applic	nd at a

As a reminder, on fields with soil test between 100-150 ppm, ODA rules require that Phosphate be applied at a rate that does not exceed what the following crop will utilize. Applications above the agronomic sufficiency levels of 30 to 40 ppm (depending on crops grown) will not increase yields and could pose additional environmental risks. Applications should be prioritized to low testing fields for best economic returns.

Cropping Schedules

•	Is the cropping schedule for each site, including past year	ar and	erly red	orded					
	in the operating record?	Yes	\boxtimes	No		N/A			
•	Is the crop yield for each site properly recorded in the o	perati	ng reco	ord?					
		Yes	\boxtimes	No		N/A			
•	Is the actual crop yield for each site properly recorded in	the o	perati	ng rec	ord?				
	3, corn average yield=150-160 bu/acre; soybeans =50 bu/acre; =50 bu/acre. No wheat planted for 2014.	Yes		No		N/A			
Арр	lication Records								
•	If liquid manure is applied, are drain plugs being used?	Yes	\boxtimes	No		N/A			
pipe ar	igs are available if needed. Gary owns and uses a traveling gun and $\frac{1}{2}$ mile of hose to land apply manure himself. Woodbury's moning records. ODA's form with the field application map is used to	itor fie	ld tiles	and re	cord ins				
•	If liquid manure is applied, are observations of subsuroperating record?	rface	drains	prope	erly red	orded	in the		
		Yes	\boxtimes	No		N/A			
•	Has the equipment for land application been inspected,	main	tained	and p	oroperl	y recor	ded in		
	the operating record?	Yes	\boxtimes	No		N/A			
•	Are there records in the operating record on soil condition	ons at	times	of app	lication	n, such	as soil		
	cracks?	Yes	\boxtimes	No		N/A			
•	Are application rates and nutrients applied in accorda	ents applied in accordance with ODA rules for nitrogen and							
	phosphorus?	Yes	\boxtimes	No		N/A			
•	Are liquid application rates based on the Available Water	r Capa	city ch	art?					
		Yes	\boxtimes	No		N/A			
	And there records of concret weather conditions tompor	aturo	and ra	infall	24 hou	rs hefor	o and		
•	Are there records of general weather conditions, temper after manure applications?	Yes	anu ra	No		N/A			
•	Are setbacks maintained and properly recorded in the op		_			,			
•	Are seconders maintained and properly recorded in the op	Yes		No		N/A			
•	Is there evidence of documented use of vegetative cover	to pro		tream No	_	els? N/A			
		162		IAO		13/7			

	V. INSECT AND RODENT	CON	TRC	L			
•	Is the insect and rodent control plan properly impl	lemente	d by	the ov	vner o	r opera	tor or
	manager?	Yes	\boxtimes	No		N/A	
0	Does the insect and rodent control plan describe the	inspect	ion fr	equen	y to e	xamine	pest's
	populations and pest activities?	Yes	\boxtimes	No		N/A	
•	Are these inspections properly recorded in the operati	ng reco	rd?				
		Yes	\boxtimes	No		N/A	
•	Is proper maintenance of the watering system properly	y record Yes	led in ⊠	the op No	erating	g record N/A	l ? □
•	Are delly increasions of delighting water lives being made		_			ñ	
	Are daily inspections of drinking water lines being mad	e and re Yes	ecora:	ea in tr No	ie opei	N/A	corar
		163		140	لبا	14/ △	Ц
	VI. MORTALITY MANA	GEME	NT				
• VIc	What type of mortality management does the facility hortality is rendered through Cooper Farms.	nave?					
•	Are there inspection records properly recorded in the c	peratin	g reco	ord on i	mortali	ity?	
	22	Yes	\boxtimes	No		N/A	
•	Are Best Management Practices being utilized?	Yes		No		N/A	\boxtimes
	VII. OPERATING RECORD -	- GEN	ERA	\L			
)	Are all operating records up-to-date and available for re	eview b	y the	inspect	or?		
		Yes	\boxtimes	No		N/A	
	Is a copy of the RCC, PTI, PTO and/or NPDES permit wit	the o	perati	ng reco	ord or I	ocated	in the
	site office?	Yes	\boxtimes	No		N/A	
	Have the operating records been retained by the own years?	ner or o	perat	tor for No	a mini	imum c N/A	of five
	Since the last inspection, have any operational changes	been m Yes	nade a	t the fa	acility? ⊠	N/A	
	VIII. VISUAL INSPECTIONS AND OUTS	SIDE I	NFC	RMA	TIOI	N	

Water Quality Impacts

All questions pertaining to on-site inspections are not answered since on-site inspection was not made due to biosecurity precautions.

to the one existence of extract effects, the change 2	Yes 🗌	No		N/A	V
Is there evidence of actual offsite discharge?	162	IND	ш	N/A	

					nation?
			Ye	s 🗵 No	□ N/A □
Descri	be the upkeep	and general a	ppearance of	the following	ng
All questions pert	aining to on-site ins	pections are not an	swered since on-si	te inspection wa	is not made due to
biosecurity preca	utions.			to mapedation we	is not made ade to
	Above Average		Below	1	
		Average	Average	Poor	Comment
Dikes and Diversion Ditches					n/a
Berms					n/a
Embankments					
Pipe Runs					n/a
Grassed Waterways					n/a
/egetative Cover					II/ a
ettling Basins					n/a
eed System					11/4
torage Areas					
Vatering System					
Valkways or Walk Areas					
nside Building					
Valkways or Walk Areas					
Outside Building					
entilation Systems, i.e.					
ans					
thers					
		VIII. SUM	IMARY		
		VIII. SUM	IMARY		
Were the results	of the inspection o			r manager rei	aresentativo or
Were the results	of the inspection o		owner, operato		
Were the results livestock manage	of the inspection or?			_	oresentative or
livestock manage	r?		owner, operato		
livestock manage	r? ::	liscussed with the	owner, operato Yes	⊠ No	□ N/A □
Reminder Actions • Groundwa	r? :: ater well analysis w	liscussed with the	e owner, operato Yes and February 12,	No No	□ N/A □
Reminder Actions • Groundwa coliform.	r? :: ater well analysis w They had not been	liscussed with the vas due on or arou completed as of t	e owner, operato Yes and February 12, this inspection co	No No	□ N/A □
Reminder Actions • Groundwa coliform.	r? :: ater well analysis w They had not been	liscussed with the vas due on or arou completed as of t	e owner, operato Yes and February 12, this inspection co	No No	□ N/A □
Reminder Actions Groundwa coliform. Forward t	r? :: ater well analysis w They had not been he 2014 results to	liscussed with the vas due on or arou completed as of t Christine Pence i	e owner, operato Yes and February 12, this inspection co	No No	□ N/A □
Reminder Actions Groundwa coliform. Forward t	r? :: ater well analysis w They had not been	liscussed with the vas due on or arou completed as of t Christine Pence i	e owner, operato Yes and February 12, this inspection co	No No	□ N/A □
Reminder Actions Groundwa coliform. Forward t Manure to	r? eter well analysis w They had not been he 2014 results to ests are due yet in i	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection co mmediately.	⊠ No 2014 for both N nducted on Ma	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to	r? eter well analysis w They had not been he 2014 results to ests are due yet in i	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection co mmediately.	⊠ No 2014 for both N nducted on Ma	□ N/A □
Reminder Actions Groundwa coliform. Forward t Manure to	r? eter well analysis w They had not been he 2014 results to ests are due yet in i	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection co mmediately.	⊠ No 2014 for both N nducted on Ma	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to	r? eter well analysis w They had not been he 2014 results to ests are due yet in i	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection co mmediately.	⊠ No 2014 for both N nducted on Ma	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to "I certify that this the facility."	r? ater well analysis well analysis well analysis well analysis well analysis well analysis well and the control of the contr	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection co mmediately.	⊠ No 2014 for both N nducted on Ma	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to	r? ater well analysis well analysis well analysis well analysis well analysis well analysis well and the control of the contr	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection co mmediately.	⊠ No 2014 for both N nducted on Ma	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to "I certify that this the facility."	r? ater well analysis well analysis well analysis well analysis well analysis well analysis well and the control of the contr	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, his inspection co mmediately.	⊠ No 2014 for both Nonducted on Ma or, manager, or	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to "I certify that this the facility."	r? ater well analysis well analysis well analysis well analysis well analysis well analysis well and the control of the contr	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection co mmediately.	⊠ No 2014 for both Nonducted on Ma or, manager, or	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to "I certify that this the facility."	r? ater well analysis are due yet in a sinformation was a second well analysis.	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection commediately. E owner, operato 5/19/1	⊠ No 2014 for both Nonducted on Ma or, manager, or	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to "I certify that this the facility."	r? ater well analysis are due yet in a sinformation was a second well analysis.	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, his inspection co mmediately.	⊠ No 2014 for both Nonducted on Ma or, manager, or	□ N/A □ Nitrates and Total by 19, 2014.
Reminder Actions Groundwa coliform. Forward t Manure to "I certify that this the facility."	r? ater well analysis are due yet in a sinformation was a second well analysis.	liscussed with the vas due on or arou completed as of t Christine Pence i 2014.	e owner, operato Yes and February 12, this inspection commediately. E owner, operato 5/19/1	⊠ No 2014 for both Nonducted on Ma or, manager, or	□ N/A □ Nitrates and Total by 19, 2014.



Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agrì.ohio.gov • lepp@agri.ohio.gov

OHIO DEPARTMENT OF AGRICULTURE INSPECTION FORM

I. FACILITY INFORMATION

Name of Inspector: Mark Fritz Date of Inspection: 5-19-2014	
Records were reviewed at Bruce's home, approximately one mile from barns.	
Inspection Start Time: 1:10 p.m.	
All questions pertaining to on-site inspections are not answered since on-site inspection was not perform	od
due to biosecurity precautions.	cu,
Purpose of Inspection:	
☐ Complaint	
2 nd Routine Enforcement	
☐ Partial ☐ Other	
Facility: Rule 901:10-2-01(C)(1)	
Bruce Rosswurm Swine Farm	
5100 Road 59	
Payne, OH 45880	
1 43880	
Owner/Operator:	
Rule 901:10-2-01(C)(1)	
Bruce Rosswurm	
5062 Road 71	
Payne, OH 45880	
e-mail: <u>barosswurm@gmail.com</u>	
cell phone: 419-786-0248	
Contact Person: - Bruce Rosswurm	
PERMIT NUMB ER: Permit to Operate: 26-160-PTO-001	
Expiration Date: March 27, 2018	
Permit to Install: 26-160-PTI-001 Construction of 2,400 head swine finisher barn	1
PTI closed out October 2, 2013 per Stocking Approval letter for new barn.	-
Permit Modification:	
Date Effective:	
Major Operational Changes:	
Date Effective:	
Livestock Manager Name: N/A	
ule 901:10-1-06	

Biosecurity Information:

- No wild turkey hunting 48 hours prior.
- No contact with swine or poultry farms 72 hours prior
- Clean footwear and clothing





- No swine or feathered species at home
- Additional restrictions / procedures if barns are entered

Inspector followed facility or industry biosecurity plan Yes No N/A -- whichever is more stringent

Note: Inspector did not conduct on-site production facility inspection.

Poultry facility inspection conducted in morning, with permission from Bruce.

Disposable boots worn into house and left with Bruce at conclusion of inspection.





FACILITY OPERATION INFORMATION

Number and Type of Animals

Rule 901:10-2-01(C)(2) and 901:10-1-07(A)(2)

Animal Type	Existing Number of Animals (leave blank if new)	Maximum Number of Animals (for new or expanding)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)		
Swine Over 55 pounds	4,400	4,800
Swine Under 55 pounds		
Horses	7	
Sheep or lambs		
Turkeys		
Laying hens		
Broilers		
Duck		
Pullets		
Others:		

Number of Employees: <u>Family</u> Type of Feed System: <u>Dry</u>

II. WATER SYSTEM

Water Supply Sources

Rule 901:10-2-08

•	Is there a well located at the facility? 2 wells	⊠ Yes	□ No	□ N/A
•	Is water treatment used:	☐ Yes	⊠ No	□ N/A
	If so, where does backflush water go?			

Drinking Groundwater Sampling

	Are records of the groundwater sampling analysis properly recorded in the operation record
--	--

List the dates of the last samples taken.

Date	Well	Nitrate	TCR	E. coli
1-21-13	East	<0.1 mg/l	Neg.	Neg.

2014 well water tests were not available. These results must be provided by July 15, 2014.





□ N/A

	Groundw 901:10-2-08(A)(4	/ater Monitor)(I)(i)&(ii), 901:10-2-03(ing (A)(2)(e					
	• Are	e groundwater es, list results.	monitori	ng wells requ	iired? [Yes	⊠ No	□ N/A
	Agricultu 901:10-2-02(A)	ral Drainage	Well					
	• Is the	here indication	of an agi	ricultural dra	ninage v	well (C	lass V well) on the p	property?
						Yes	⊠ No	□ N/A
	If ye	es, is the agricul	tural drai	nage well like		ve runc	off?	⊠ N/A
9	Other Was	ste, Chemicals	and Co	ntaminants				
		nere a sanitary				Yes	⊠ No	□ N/A
	(o If yes, does	the sanita	ry go to the m	nanure s	torage Yes	and treatment facility No	
	(o If yes, is it p	ermitted	to do so?		Yes	□ No	⊠ N/A ⊠ N/A
	C	ure storage or If no, provide treatment fa	de brief e	·	nd if th	Yes e disch	☐ No arge into the manu	□ N/A re storage or
		III. MAI	NURE S'	TORAGE A	ND TI	REAT	MENT FACILIT	IES
	•	Type of Mar Rule 901:10-2-10(A	nure:					
		(Check all tha	•			Liquid	⊠ Solid	
	•	Annual man Rules 901:10-2-10(C	C), 901:10-2-16	(A)(1)(b)	_	Yes	□ No	□ N/A
			ne since la	ast inspection	. Sampl	es will	be taken at application	on this summer.
	anure Sam		1					
Туре	Date	Moisture %	NH ₄ -N	Organic N	P ₂ O ₅	K ₂ O	Note	es
Barn 1	8-4-2013	93.03	41.6	16.7	24.9	43.4	24 hrs. agitation pr	ior to sampling

Barn 1 is the original barn, on the south side. Barn 2 is the new barn, on the north side.





	Rule 901:10-2	2-04	torage of	r treatment facility:		
		(Cl cated struc re treatme		Manure storage po	nd	
Fabricate	d Structure					
		fabricated	structu	re:		
			eck all th	at apply)		
	⊠ Deep p □ High-1			Concrete block or s Above ground tank Manure storage bar Compacted earthen	(metal/concret n (for belt-bat	tery, etc)
	Is there a	a six-inch or subject	minimu to precir	m of freeboard for all st Ditation/runoff?	orage struct	ures containing liquid
		-05, 901:10-2-08		⊠ Yes	□ No	□ N/A
	Are recor	ds mainta	ined or	storage capacity or manu		
	Rule 901:10-2-1	(6A)(I)(a)(iii)	inea on	Storage capacity or mant	ire volume?	□ NT/A
				Z ICS	☐ N0	□ N/A
	Structure	Date	MOL	Current Manure Level	Remaining	Storage
	South barn	5-13-14	82 in.	45 in.	37 in	
	North barn	5-13-14	82 in.	23 in.	59 in	
	Composter	4-2-14	100%	70%	30%	
	Bruce's record	ds to date i	ndicate t	hat pit levels rise 22 inches	s every 6 mont	the or 3 66 in /month
•	Is there ev or treatme Rule 901:10-2-08	пі тастиці	es ior en	rating record of regular : osion, leakage, animal da ()(a)(ii)	inspections of mage or discl	f the manure storage harge?
•	Do the inst	nostions w	andala dla -			
·	Rules 901:10-2-08	B(A)(I) and 901:	10-2-16(A)(1	e frequency in the manuro	e managemen No	nt plan?
•	Rules 901:10-2-08	3(A)(4) and 901:	10-2-16(A)(1)	properly recorded in the Yes inspection ports now perfe	No	□ N/A
Manure Stor	age Pond or	r Manure	Treatn	nent Lagoon - NA		
•	Rule 901:10-2-06 Earthen 1) nanure sto	rage pon	(Check all that app Check all that app Earthen manus, type of liner system instal	oly)	ggoon
	3011, (10))					
•	Is there twe	lve-inches	of freek	poard, plus the volume no	eeded to cont	ain the appropriate
	design storn	L II the st	ructure i	is subject to rainfall and : ^{01:10-2-16(A)(1)(a)(I)}	runoff? —	the appropriate
4	72a			∐ Yes [No	□ N/A
AS AS	191				0111	I A



•	Are record	ls maint	ained on s	torage cap	pacity or n	nanure v	olume?	
	Rule 901:10-2-16	(A)(1)(a)(111)	& 901:10-2-06(,	A)(8) & 901:10-2	2-08(A)(4)(c) Ves		No	□ N/A
•	Is there ev	idence i	n the oper	ating reco				of the manure storag
	or treatme	nt facilit	ies for ero	sion, leak	age, anima	al damao	e or disc	n the manure storag
	Rule 901:10-2-08	(A)(4)(e) & 9	01:10-2-16(A)(1)(a)(ii)	∐ Yes		No	□ N/A
•	Is there e	vidence	in the c	perating	record o	f weekly	inspec	tions of stammarata
	conveyance	s, aiver	sion aevic	es and dev	ices chani	neling cor	ntamina	ted stormwater to the
	manure sto	rage po	nd or man	ure treatn	nent lagoo	n?		
	Rule 901:10-2-16(1	Yes		No	□ N/A
	Do the insp	ections	match the	frequency	in the ma	nure ma	nageme	nt plan?
	Rules 901:10-2-08			L	Yes		Vo	□ N/A
•	Are these re	egular ir	spections	properly	recorded i	in the ope	erating r	ecord?
	Rules 901:10-2-080	,,,,	-()		Yes		Vo	□ N/A
•	storage pon	inaicato d or mo	r(s) consp	icuously l	ocated and	d proper	ly functi	ioning in the manure
	storage pon Rules 901:10-2-06((A)(2), 901:10)-2-08(A)(4)(o) :	ment 1ago nd 901:10-2-16	On? (A)(1)(a)(i)			
				Г	Yes		T_	□ > 7/4
•	Is the vege	tation n	ear the n	L namura et		N		∐ N/A
	properly ma	intained	1?	namure su	orage por	ia or th	e manu	re treatment lagoon
	Rule 901:10-2-08(A			Г	7 Yes	\Box N	lo.	□ N/A
			ice inspe	ctions for		ater con	vavanca	s, runoff diversion
	structures, u	ievices c	hanneling	contamin	ated stori	nwater, e	etc. prop	erly recorded in the
	operating re	coru?				,	PTOP	oraș recoracă în the
	Rules 901:10-2-16(A	A)(1)(a)(v) &	901:10-2-08(A)	(4)(i), (j)] Yes	\square N	O	□ N/A
		TX7	BEABITS	DE 3545				
		IV.	MANU	RE MAN	AGEME	ENT		
• 1	s the sched	ule for	Manues	mamarial a				
	nanuie man:	ayemeni	'nian'			e residua	al remo	val outlined in the
R	Rules 901:10-2-08(A)	(4)(g), 901:1	0-2-10(B), 901:1	0-2-16)(A)(1)(c)&((e)			
				\boxtimes	Yes	☐ No)	□ N/A
I	However, non	e since la	ast inspect	ion. Manur	e will be s	pread on	wheat st	ubble this summer.
2	013 applicati	on table,	below, is	from previ	ous inspec	tion repo	rt.	acore tins summer.
	013 MANUF							
ite	Total gal.	Acres	Field	Avail N	P205	K20	Soil P	Notes
	or tons	App.		Lbs/ac.	Lbs/ac.	lbs/ac.	ppm	110162
n 1	576,000 g.	72	RWP32	108	199	347	18-37	Tom Heckel, CLM
- 1			T3 TT T3 A =					

		Total gal. or tons	App.	1	Avail N Lbs/ac.			Soil P	
7/25,26	Barn 1	576,000 g.	72	RWP32	108	199	347		Tom Heckel, CLM
D 4 C 1				RWP35				23	,

Both fields soil sampled in 2013, prior to manure application.

The 199 lbs/acre of P205 applied in the manure is sufficient for 3-4 years' crops. This field should not be applied for at least another 3 years.

> List the number of acres utilized for land application. (Include both land that is owned and land that is leased). Rules 901:10-2-09(C), 901:10-2-16(A)(1)(c)(ii)





Acres owned	256
Acres leased	1,202
Other land	
Total acres	1,458

	 Was manure applied on snow-cover 	ed or frozen gr	ound?	
		Yes Yes	⊠ No	□ N/A
	* If so, was the application site			N7/A
		∐ Yes	□ No	⊠ N/A
	 Is manure distributed through Distr 	ibution and Uti	lization method	ds?
		☐ Yes	⊠ No	□ N/A
	If Distribution and Utilization method	od of manuse w	amaayal	- J A 10
•	A, B, F and the most recent manure	analysis given t	emovar was us o the recipient	of the manure?
	Rule 901:10-2-16(A)(1)(e)(iv) & 901:10-2-11(A)	☐ Yes	☐ No	⊠ N/A
	Y 41			
•	Is the record for the Distribution operation record?	and Utilization	on of manure	maintained in the
	Rule 901:10-2-16(A)(1)(e)(i)(ii)(iii) & 901:10-2-11(B)	☐ Yes	□No	⊠ N/A
	,			Z IVA
Soil Characte	eristics			
•	Are all soil analysis properly recorded	d in the anavoti	ng maand fan t	ho lost five
	Rule 901:10-2-16(A)(1)(c)(vi) & 901:10-2-13(D)	□ Yes	No	N/A
	Soil P levels range from 17 – 98 ppm. N	Most fields are be	elow 40 ppm.	
	Fields sampled in 2009 and 2010 were s	ampled enring 2	014 by Nester	X - 1 - 2 12
	not yet available on day of inspection. T	hese results mus	st be provided to	o the inspector by
	July 15, 2014.			
	(The analysis records must be taken e	very three year	s).	le le
			177	
•	Are the soil samples representative o	f a land applic	ation site with	one composite soil
	sample representing no more than tweether in the each land application site, whichever it	venty-five acres is less?	or one compo	site soil sample for
	Rule 901:10-2-13(C)	⊠ Yes	□No	□ N/A
•	Do any fields exceed 150 ppm of Phosp	horous on the	BrayP1 test?	
	Rules 901:10-2-14(D)(E)(3) & 901:10-2-16(A)(1)(c)(xlil)	☐ Yes	⊠ No	□ N/A
	* If so, list those fields.			
Nutrient Budg	et			
	In any time of the second			
•	Is commercial fertilizer used?	⊠ vos	□ NI.	□ >7/4
	Rules 901:10-2-09(C)(2) * If so, list amount of commerc	⊠ Yes ial fertilizer use	∐ No	∐ N/A
	Rule 901:10-2-16(A)(1)(c)(xiv)	IVITHIZEI USC	· Ca.	
			OUL	^



Corn receiving manure: 35 lbs. actual N and 35 lbs. P205 per acre in starter. 40 gal. 28-0-0 sidedressed, per PSNT recommendation by Nester Ag.

All other Corn - 190 lbs. actual N and 35 lbs. P205 per acre Soybeans - no commercial fertilizer Wheat - 250 lbs/acre 10-24-24 starter. 25 gal/acre 28-0-0 1 st topdress application. Another, smaller application will be made at stem elongation. Are the date, rate, quantity and method of application of the nutrient, and/or formand source of manure, commercial fertilizer, and/or other organic by-products properly recorded in the operating record? Rule 901:10-2-16(A)(1)(c)(xiv) ⊠ Yes □ No □ N/A **Cropping Schedules** Is the cropping schedule for each site, including past year and present year, properly recorded in the operating record? Rule 901:10-2-16(A)(1)(c)(viii) ⊠ Yes □ No \square N/A Is the crop yield for each site properly recorded in the operating record? Rule 901:10-2-16(A)(1)(c)(lx) X Yes | No □ N/A Is the actual crop yield for each site properly recorded in the operating record? Rule 901:10-2-16(A)(1)(c)(xi) X Yes □ No □ N/A 2013 corn averaged 198 bpa; soybeans 58 bpa; and wheat 89 bpa. Application Records - No applications since last inspection. Responses below are from 2013 applications and were provided to Rosswurms by CLM applicator Tom Heckel. If liquid manure is applied, are drain plugs being used? Rule 901:10-2-16(A)(1)(c)(iv) Yes No. $\prod N/A$ Available if needed If liquid manure is applied, are observations of subsurface drains properly recorded in the operating record? Rule 901:10-2-16(A)(1)(c)(iii) & 901:10-2-14(G)(2)(a)|Winter only] X Yes □ No □ N/A Has the equipment for land application been inspected, maintained and properly recorded in the operating record? Rules 901:10-2-08(A)(2) X Yes \square No □ N/A Are there records in the operating record on soil conditions at times of application, such as soil cracks? Rule 901:10-2-16(A)(1)(c) (xvi) X Yes





 $\prod N/A$

□ No

	 Are application rates and nutries and phosphorus? 	nts applied	in accord	ance with	ODA rules	for nitrogen
	Rule 901:10-2-14(D),(E)	⊠ Ye	es	☐ No	\Box N	/A
	Oat cover crop planted after Augus			on wheat s	tubble	,11
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	140010.	
	• Are liquid application rates based	d on the Av	ailahle W	later Cana	noity about?	ı
	Rule 901:10-2-14(C)(1)(d)	Ye	anabic vy	No	icity chart?	
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		0		IN	A
•	• Are there records of general we before and after manure applicati	ather condi	itions, te	_	e and rainf	fall 24 hours
•	• Are setbacks maintained and prop Appendix A of Rule 901:10-2-14 and Rule 901:10-2-1	perly recom	led in the	e operation	n record?	
	\triangleright	Yes	□ No	_	1 NT/A	
		1 68	□ NO	L_	N/A	
•	Is there evidence of documented u Rules 901:10-2-14, including Appendix A and 901:10-	se of vegeta 2-16(A)(1)(c)(vil)	itive cove	r to prote	ct stream c	hannels?
	\boxtimes	Yes	☐ No		N/A	
				_		
	V. INSECT AND	RODENT	CONTR	ROL		
•	Is the insect and rodent control pl or manager?	an properly	y imple m	ented by	the owner	or operator
	Rule 901:10-2-19 & 901:10-2-16(A)(1)(a)(viii))	⊠ Yes	Γ	□No	\square N/A	Α
			_			
	Does the insect and rodent control pest's populations and pest activities	es?	_	_		
	Rule 901:2-19(B)(3)(a)(i)	⊠ Yes	L] No	\square N/A	1
•	Are these inspections properly reco	rded in the		g record?] No	□ N/A	
	Is proper maintenance of the wat record?	tering syste	m prope	erly recor	ded in the	operating
	Rule 901:10-2-19(B)(3)(a)(li)	Yes] No	□ N/A	
	Are daily inspections of drinking warecord?		ing made	e and reco	_	
	Rule 901:10-2-08(A)(4)(n) & 901:10-2-19(B)(3)(a)(ii) Water meters automatically record water.	Yes ter use for p	rior 30 da] No ys. Daily	□ N/A written log s	till being





VI. MORTALITY MANAGEMENT

• What type of mortality Rule 901:10-2-15 and 901:10-2-16(A) Composting is performed Bruce is certified to com	in a roofed, multi-bin b	arn	
 Are there inspection rec Rules 901:10-2-15 and 901:10-2-16(A) 	ords properly recorded (1)(f)(ii) Yes	in the operating	g record on mortality?
Are Best Management P	□ Ves	\square No	□ N/A
All questions pertaining to on-site inspecti due to biosecurity precautions.	ons are not answered sir	ice on-site inspec	tion was not performed,
VII. OPER	ATING RECORD -	GENERAL	
• Are all operating records Rules 901:10-2-08 and 901:10-2-16 However, well water and r page 12.	X Yes	l No	□ NI/A
• Is a copy of the RCC, PT located in the site office? Rule 901:10-2-01(B)(3) for PTI 901:10-2-07(E) for PTO & NPDES	ΓΙ, PTO and/or NPDE	S permit with tl	ne operating record or
901:10-1-07 for RCC as being part of P1	Yes Yes	☐ No	□ N/A
 Have the operating record five years? 	ds been retained by the	owner or opera	ator for a minimum of
Rule 901:10-2-16(A)(1) Since permitting on March	Yes 27, 2013.	☐ No	□ N/A
• Since the last inspection, he Rule 901:10-1-09(F) All questions pertaining to on-site inspection due to biosecurity precautions.	l I Yes	\times No	INT/A
VIII. VISUAL INSPECT Water Quality Impacts	TIONS AND OUTSIE	DE INFORMA	ΓΙΟΝ
_	-ff-!4. I'. I		
• Is there evidence of actual of Rules 901:10-2-08 and 901:10-2-16(A)(1)(a	Yes	□No	□ N/A
• Are there areas of concern Rules 901:10-2-08 and 901:10-2-16	for water quality impac	cts?	□ N/A





•	Is the water v Rule 901:10-2-02(A)(vell location	maintained ii	n a proper ⊠ Yes	manner to avoid No	contamination?
	Facility upked All questions pelue to biosecuri	☐ Above a☐ Average	verage : a-site inspecti		Below average Poor t answered since of	n-site inspection was
I	Describe the up	keep and gen	eral appearan	ce of the fo	ollowing:	
	Above	Average	Below	Poor		ments
Diversion Ditches	Average		Average			
Diversion Dikes						
Berms						
Embankments						
Pipe Runs						
Grassed Waterways						
Vegetative Cover						
Contour Grass Strips						
Settling Basins						
Feed System						
Storage Areas					<u> </u>	
Watering System						
Walkways or Walk Areas Inside Building						
Walkways or Walk Areas Outside Building						
Feed Alleys						
Chemicals						
creens						
ventilation ystems, i.e. Fans						
uicis .						





IX. SUMMARY

•	Were the results of the inspection representative or livestock manager?	discussed w	ith the owner,	operator, manager,
	Results were discussed with Bruce Ross	⊠ Yes	☐ No	□ N/A
	The results will be sent to either the own manager.	ner, operator, 1	manager, represer	ntative or livestock

Required Actions:

- 2014 well water test results were not available for review on day of inspection. These results must be provided to the inspector by July 15, 2014.
- Fields sampled in 2009 and 2010 were sampled spring 2014, but results were not yet available on day of inspection. These results must be provided to the inspector by July 15, 2014.
- Continue to monitor seedings around new barn and re-seed as necessary.

Reminder Actions:

The 199 lbs/acre of P205 provided in the 2013 manure application is sufficient for 3-4 years' crops.
 This field should not be applied for at least another 3 years.

Recommended Actions:

- Target soil test levels should be maintained as close to agronomic sufficiency levels as possible, which is 15-30 ppm or 30-60 lbs/acre for corn and soybeans and 25-40 ppm or 50-80 lbs/acre for wheat and alfalfa. This allows for multiple year nutrient application and the buildup/drawdown of nutrients without causing deficiencies or increasing environmental risks.
- 10-20 lbs/acre of P205 in the starter fertilizer is sufficient to produce the desired "starter effect". The
 addition of more will not increase yields on soils with soil P levels above the sufficiency range of
 15-30 ppm for corn and soybeans.

"I certify that this information was reviewed by the inspector and/or the owner, operator, manager, representative or livestock manager of the facility."

Signature of Inspector

Report prepared June 19, 2014

Mach Int

Cc: Paulding SWCD

Dan Bruner, ODA-DLEP





Division of Livestock Environmental Permitting

A.B. Graham Building 8995 East Main Street, Reynoldsburg, OH 43068 Phone: 614-387-0470 • Fax: 614-728-6335 www.agri.ohio.gov • lepp@agri.ohio.gov

Inspector Inspection :	Dan Bruner Start Time 10:	00 am		D	ate of Insp	ection 5/22/20	14		
	1 st Routine	Typ e ⊠ 2 nd Ro	oe of	Insp	ection and Routine	Other	ī		
Facility					Owner\	Operator			
Name	Napoleon Dairy	LLC			Name	Same			
Address	V 624 Co. Rd. 16	5			Address				
City	Napoleon	ОН	4354	5	City				
Phone	419-598-1119				Phone		I		
Email	R.vanbakel@va	nbakelgroep.n	ıl		Email				
Contact Name Email	Person Wilfred and Francine Peters Telep wilfredpeters@aol.com Cell				one 419-438-1	L689			
Permit Ir	formation	DET 0004 DG	004 11	FAID			T = 4 - 4 - 2 - 2		
Permit Modi		PET-0001.PO	1001.H	ENK		Expiration Date Effective Date	7/16/2013		
Major Opera	tional Change	Two ponds in lanes.				Effective Date	2/22/2012		
DLEP received	the permit renewa	al on January 16	5, 2014	and it is	in the rene	wal process.			
Certified	Livestock N	lanager							
	Name	Certificate Nu	mber	Expira	ation Date	CEUs / Date			
	3//								
Bio-security Information:									
(whichever is	lowed facility o more stringent) its worn and left at	-	o-secu	ırity pl	an \	Yes ⊠ No	□ N/A		

I. FACILITY OPERATION INFORMATION

Number and Type of Animals

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)	280	1900
Swine over 55 pounds		
Swine under 55 pounds		
Laying hens		
Broilers		
Pullets		
Other:		

Number of Employees	7	
Type of Feed System	Dry	

Numbers are low now because the dairy cattle are at the other dairies of the Untied Dairy Group. Numbers will increase as the year progresses.

II. WATER SYSTEM

Water Supply Sources

• !	there	a well	located	at the	facility	?
-----	-------	--------	---------	--------	----------	---

	How Many? 7	Yes		No	N/A	
•	Is water treatment used? If so, where does back flush go?	Yes	\boxtimes	No	N/A	

Chlorination system for cleaning equipment. No water softeners used.

Drinking Groundwater Sampling

• Are records of the groundwater sampling analysis properly recorded in the operation record? Yes \boxtimes No \square N/A \square

List the dates of the last samples taken.

Groundwater Sample Results

Well	Date	TCR	Nitrate
South	11-3-08	Neg.	<.2ppm
Well head	11-2-09	Pos.	.2 ppm
Well head	9-13-10	Pos.	None detected
Well head	9-27-11	Neg.	None detected
Wellhead	8-21-12	Neg.	None detected
Wellhead	8-7-13	Neg.	None detected

Ground	water Mo	nitoring								
lf :	yes, list resu		vells requires	?	Yes		No		N/A	
Agricult	ural Drair	nage Well								
• Is	there indica	tion of an agricu	ltural drainag	e well (Clas	s V we	ell) on	the pro	perty	?	
		ricultural drainag			Yes		No		N/A	
runoff?	res, is the ag	ricultural uralnaş	ge well likely to	o nave						
					Yes		No		N/A	\boxtimes
Other W	aste, Che	micals and Co	ontaminan	ts						
• Is t	here a sanit	ary permit for th	is facility?		Yes	\boxtimes	No		N/A	
	o If yes, o	does the sanitary	go to the ma	nure storag	ge and	treat	ment fa	cility	?	
					Yes		No	\boxtimes	N/A	
	o If yes, i	is it permitted to	do so?		Yes		No		N/A	\boxtimes
• Are	all other	waste, includin	g medical w	aste, clear	ning s	olutio	ons, pe	sticide	es, ferti	lizers
		other contaminate or treatment fa		andled in a				not dis		into a
	-		•		Yes	\boxtimes	No		N/A	
		rief explanation tted/allowed.	and if the dis	charge into	the m	anure	e storag	e or t	reatmen	t
	III. MA	NURE STO	RAGE ANI	TREAT	NAE	NT E	٨	TIEC	<u>.</u>	
			AGE AITE	, INCAI	IVILI	• • • • • • • • • • • • • • • • • • • •	ACILI	IILJ	,	
Type of N	Manure			(check all th	nat appl	y	Liquid	\boxtimes	Solid	\boxtimes
• Ann	ual manure	analysis on file?			Yes	\boxtimes	No		N/A	П
Manu	re Sample	e Results (Soli	de mascurac	l in #/ton -					•	
Source	Date	Moisture %	NH ₄ -N	Organic			20 ₅	111 #/	K ₂ O	
Concrete Pit -	9-30-09	52.2	2.7	6.6			3.3		3.7	
Solids	8-27-10 4-16-12	50.3 44.8	1.4 1.1	3.9 2.0			1.6		2.2	
	7-20-12	44.0	7.7	2.0			1.8		3.8	

Source	Date	Moisture %	NH4-N	Organic N	P2O5	K ₂ O
Concrete Pit -	9-30-09	52.2	2.7	6.6	3.3	3.7
Solids	8-27-10	50.3	1.4	3.9	1.6	2.2
	4-16-12	44.8	1.1	2.0	1.8	3.8
	7-29-13	42.5	.2	6.6	3.9	1.8
Earthen	9-30-09	96.6	10.8	8.8	6.7	16.6
Manure Pond	8-27-10	96.4	2.7	12.4	4.8	18.7
1	4-16-12	98.0	8.2	2,9	3.4	17.9
	5-3-12	96.9	8.2	5.9	6.7	16.7
	7-29-13	98.2	9.0	4.3	3.1	17.8

Mortality	9-30-09	36.0	3.8	46.7	13.4	14.5
Compost	8-27-10	31.9	.22	44.1	19.1	16.9
	7-29-10	63.9	1.7	15.4	7.4	14.5

• Type of	manure s	torage or trea	atmen	t facility:						
				(Check all ti	hat apply)					
Fabricated Stru	ctures	\boxtimes	Mai	nure storage	pond 🛛	Ma	anure ti	reatm	ent lago	on 🗆
Combination										
Fabricated S	tructure	2								
• Type of	fabricated	d structure:								
				(Check all th	nat apply)					
Stacking pad/bu	ınker/etc			Concrete	block or sta	ve pit				
Deep pit				Above gro	und tank (n	netal/	concret	e/oth	ner)	
ligh-rise				Manure st	torage barn	(for be	elt-batt	ery, e	etc)	
Compacted eart	hen floor	concrete pit		Other- Co	ncrete settli	ng bas	in			\boxtimes
Are reco	i Ma illallilla	ained on stora	age ca	pacity or ma	Yes		No		N/A	
tructure	Date	Maximum 0	perati	ing Level	Current N	lanure	Level		Storage	Remaini
oncrete Settling esin	5-15-14		132"			48"				84"
	the top is p evidence	oumped over to in the opera s for erosion, I	earth	en storage po ecord of re	ond. gular inspe	ctions	of the			
Do the in:	spections	match the fre	auena	v in the ma	nure manas	remen	t nlan?			
				.,a	Yes		No		N/A	
Monthly in	nspections	documented.			163		140		14/74	
Are these	regular in	nspections pro	perly	recorded in	the operat	ing rec	ord?			
					Yes	\boxtimes	No		N/A	
anure Stora	ge Pond	or Manur	e Tre	atment L	.agoon					

(Check all that apply)

☑ Earthen manure treatment lagoon □ N/A □

Earthen manure storage pond

• Is there storm, if	hen manur twelve-ind the struc	goons, type of liner system installed e storage pond, with a capacity of ches of freeboard, plus the volu ture is subject to rainfall and ru	10,909,590 ime needed noff?	gallons I to co Yes			propriat	
Are reco	rds maint	ained on storage capacity or ma		ne? 'es ∑	<u> </u>	lo [□ N/	⁄A □
Structure	Date	Maximum Operating Level	Current	Manur	e Level		Storage	Remainin
Manure Storage Pond	5-15-14	151"		139"				12"
• Is there treatmen	evidence nt facilities	in the operating record of restor to the formula of	gular inspe amage or d	ections ischar	of the	e man	ure sto	rage or
			Ye	es 🗵	N	o [] N/	A 🗆
pond or r	nanure tro	and devices channeling contar eatment lagoon? match the frequency in the ma	Yes	⊠ gemen	No		nanure s N/A N/A	storage
Are these	regular in	spections properly recorded in	the operat	ing red	ord?			
			Yes	\boxtimes	No		N/A	
 Is the level pond or m 	el indicato nanure tre	r(s) conspicuously located and atment lagoon?	properly for	unction	ning in No	the m	nanure s N/A	torage
 Is the veg maintaine 	getation n d?	ear the manure storage pond	or the ma	nure 1	treatm No	ent la	goon pr N/A	operly
Are the n devices ch	naintenan anneling o	ce inspections for stormwater contaminated stormwater, etc.	conveyan	ces, ru	unoff d	liversi e oper	on struc	ctures,
			Yes		No		N/A	
• Is the scho	dule for m	IV. MANURE MANA			inad :	. 		
manageme		idinare removal of manure resi	Yes	ai outi	No No	tne n	N/A	

Field: The field number or name.
Date: Date of manure application.
Tons / Gals: Tons or gallons applied to the field.
Storage: Storage structure manure was removed from.

Acres: The acres of the field applied to.

Lbs P Applied: The pounds of P applied to the field from the manure application(s). P Level: The phosphorus value of the field as reported at the time of application in

	Vear 20	13		ppm/aci		-	Van- 2011	
		13			14		Year 201:	•
- 18 311 311	Storage	Lbs P applied P Level ppm/acre	Date	Tons/gals Storage	Acres Lbs P applied P Level ppm/acre	Date	Tons/gals Storage	Acres Lbs P applied P Level ppm/acre
May Aug.	500,000 1,043,000 Pond	200 ac. 46.5 lbs. 147 ppm/ac						
July 15	280,000 Lagoon	79 ac 15.5 lbs. 21 ppm/ac						
Sept. 8	450,000 Lagoon	45 ac 31 lbs. 32 ppm/ac						
Sept.	370,000 Lagoon	25 ac 23.5 lbs. 44 ppm/ac						
Sept. 18	322,000 Lagoon	35 ac. 27.9 lbs.						
Sept 29	372,000 Lagoon	30 ac 37.2 lbs						
Sept. 23	378,000 Lagoon	40 ac 29.3 lbs.						
Sept. 25	1,000,000 Lagoon	100 ac. 31 lbs.						
Sept. 30	350,000 Lagoon	35 ac 31 lbs. 86 ppm/ac						
9.96						Payen Ly Yn		201
					Literature Color			
	July 15 Sept. 8 Sept. 11 Sept. 18 Sept. 29 Sept. 23 Sept. 25 Sept. 25 Sept. 25	Nay 500,000 Aug. 1,043,000 Pond 280,000 Lagoon Sept. 370,000 Lagoon Sept. 322,000 Lagoon Sept. 372,000 Lagoon Sept. 372,000 Lagoon Sept. 23 Lagoon Sept. 23 Lagoon Sept. 23 Lagoon Sept. 23 Lagoon Sept. 25 Lagoon Sept. 350,000 S	Storage	Date	Pate Tons/gals Storage Lbs P applied P Level ppm/acre	Pate Tons/gals Storage Storage Lbs P applied P Level ppm/acre Plevel ppm	Part Part	Date Tons/gals Storage Lbs P applied P Level ppm/acre Date Date

Rabe farm is close to 150 ppm Bray 1 of Phosphorus per acre. See required actions at the end of this document.

• List the number of acres utilized for land application. (Include both land that is owned and land that is leased).

Acres owned	40
Acres leased	
Other land	1960
Total acres	2000

•	Was manure	applied	on	snow-covered	or	frozen					
	ground?						Yes	No	\boxtimes	N/A	
	* If so, was the	application	าท ร	ite approved for	anı	dication?					

			Yes		No		N/A	
	Is manure distributed	through Distribution	and Utilization me	thods	,			
		an ough Distribution	Yes		: No		N/A	\
	If Distribution and U	::::					_	
`	and the most recent	tilization method of m manure analysis given	ianure removal wa	as use	d, wei	re Appo	endice	s A, B, F
	and the most recent t	manure analysis given						
			Yes	\boxtimes	No		N/A	
	record?	e Distribution and Ut	ilization of manu	re ma	intain	ed in	the op	eration
	records		Yes	\boxtimes	No		N/A	
	Date	Source	Amount	Т	Desti	inatio	1	
	11-29-13	Manure Pond	515,000 gal.			Daman		
	11/28-30/13	Manure Pond	1,000,000 gal.			t Dama	-	
	8/15-18/13	Settling basin	2,750 tons	ATU TO		Delber		
						man		
	5/2-21/14	Settling basin	247,890 gal.	N	lapole	on Biog	as	
Napo	eon Biogas LLC has beer	romoving manuse fre	مر د د د د الاحداد و العداد و	: n A n 6	1 - 1			
Appe	ndices A, B, F and a recen	it manure test where	riven to them As	ianod	eea tn	eir aigi	ester.	on file
statin	g the annual amount rer	noved from Napoleon	Dairy. It is unclea	r to da	agree te of l	how m	viii be (on me
Napol	eon Biogas will remove.		July It is difficied	i to de	ite oi i	IOW III	ucii	
	Characteristics							
-								
•	Are all soil analysis pro	perly recorded in the	operating record f	or the	last fi	ve veai	rs?	
	(The analysis records mu	st be taken every three y	rears) Yes			-c year		-
			Yes	\boxtimes	No		N/A	
•	Are the soil samples re	presentative of a land	amplication site	مدم ماها،			• • .	
	Are the soil samples re representing no more	than twenty-five acres	or one composite	soil sa	e com	posite	iss 1102 haeld:	mpie
	application site, which	ever is less?				_		
			res	\boxtimes	No		N/A	
•	Do any fields exceed 1!	60 ppm of Phosphorou	s on the BrayP1 te	est?				
	* If so, list those fields.		Yes		No	\boxtimes	N/A	П
				_			,,,	
Nutr	ent Budget							
	-		Yes	П	N.o.		NI /A	
•	Is commercial fertilizer				No	\boxtimes	N/A	
	*If so, list amount of cor							
	Owned field receives	no commercial fertil	izer. Contracted	alfalf	a field	ls only	recei	ve
	manure.							
•	Are the date, rate, quan	tity and method of ap	plication of the nu	ıtrient	, and/	or forn	n and s	ource
	of manure, commercial	tertilizer, and/or oth	er organic by-pro	ducts _i	prope	rly reco	orded i	in the
	operating record?		Yes	\boxtimes	No		N/A	

Cropping Schedules

•	Is the cro	pping schedule ferating record?	or each site, inclu	ding past y	ear an Yes		sent ye No		operly re N/A	
•	is the cro	p yield for each s	ite properly recor	ded in the	operat	ing re	cord?			
					Yes		No		N/A	
•	Is the actu	al crop yield for	each site properly	y recorded i	in the Yes		ting re	cord?	N/A	
(Crop	2013	2014	2015			2016		20	17
Cori	n Silage	21.33 tpa	K F DEXICOS		W.E	Port I	2010		20	43025157
A	lfalfa	10.96 tpa					2.00	44		
			1.00 875 1 3		19(1)	litt for		28	7.16	843.V
Appl		anure is applied,	are drain plugs be		Yes		No	⊠.	N/A	
	operating i	ecord?	d, are observation	is of subsu						in the
•			land application		Yes	\boxtimes	No		N/A	
ě.	operating r		properly recorde	ed in the	Yes	\boxtimes	No		N/A	
•	Are there re	ecords in the ope	erating record on s	soil conditio	ons at	times	of app	licatio	n, such	as soil
	cracks				Yes	\boxtimes	No		N/A	
•	Are applica	tion rates and i	nutrients applied	in accorda	nce w	ith O	اس ۸۸	ne for	nitros	امم م
	phosphorus	?	acrents applied	iii accorda				_		_
					Yes	\boxtimes	No		N/A	
•	Are liquid a	pplication rates l	based on the Avai	lable Water	r Capa	city ch	nart?			
					Yes	\boxtimes	No		N/A	
• /	Are there re	cords of general	weather conditio	ns, temper	ature	and ra	infall 2	24 hou	rs befor	e and
ć	after manur	e applications?			Yes	\boxtimes	No		N/A	
• 4	Are setbacks	maintained and	l properly recorde	ed in the op	eratio	n reco	rd?			
					Voc	\square	No		NI/A	

	 Is there evidence of documented use of vegetative cove 	r to p	protect	stream	ı chan	nels?							
		Yes	S	No		N/A							
	 V. INSECT AND RODENT CONTROL Is the insect and rodent control plan properly implemented by the owner or operator or 												
	manager?	Yes		No		N/A							
•	Does the insect and rodent control plan describe the in populations and pest activities?				y to e		pest's						
		Yes		No		N/A							
•	Are these inspections properly recorded in the operating	reco	ord?										
		Yes	\boxtimes	No		N/A							
•	Is proper maintenance of the watering system properly r	ecor	ded in 1	the ope	erating	g record	?						
		Yes		No		N/A							
•	Are daily inspections of drinking water lines being made a	and r	ecorde	d in th	e oper	ating re	cord?						
		Yes		No		N/A							
	VI. MORTALITY MANAGE	ME	NT										
•	What type of mortality management does the facility hav Mortality Composting Mortality compost pile is located on the feed pad.	e?											
•	Are there inspection records properly recorded in the ope	ratin	g recoi	rd on n	ortali	ty?							
	•	Yes	\boxtimes	No		N/A							
	Are Best Management Practices being utilized?	Yes		No		N/A							
	VIII ODEDATING DECORD G												
	VII. OPERATING RECORD – G			_									
	Are all operating records up-to-date and available for review	ew by 'es	y the in ⊠	specto No	r?	N/A							
	Is a copy of the RCC, PTI, PTO and/or NPDES permit with the site office?				d or lo	cated in	the						
						•							

 Have the operating records been retained by the own years? 	ner oi Yes		ator fo No	rami	nimum N/A	of five			
Since the last inspection, have any operational changes	been Yes	made ⊠	at the No	facility	? N/A				
They are milking fewer cows and waiting on replacements from United Dairy Group.									
VIII. VISUAL INSPECTIONS AND OUTSIDE INFORMATION									
Water Quality Impacts									
 Is there evidence of actual offsite discharge? 	Yes		No		N/A				
Are there areas of concern for water quality impacts?	Yes		No	\boxtimes	N/A				
 Is the water well location maintained in a proper manne 	r to a	oid co	ntami No	nation					
	1 63	\triangle	NO	Ш	N/A	\Box			

Describe the upkeep and general appearance of the following

	Above Average	Average	Below Average	Poor	Comments
Dikes and Diversion Ditches			-		NA
Berms	X				
Embankments	X				
Pipe Runs					NA
Grassed Waterways					NA
Vegetative Cover	Х				
Settling Basins	X				
Feed System	X				
Storage Areas	X		l l		
Watering System	X				
Walkways or Walk Areas Inside Building	Х				
Walkways or Walk Areas Outside Building	Х				
Ventilation Systems, .e. Fans	X				
Others					

VIII. SUMMARY

Were the results of the inspection discussed with the livestock manager?	e owner, operator Yes	r, man ⊠	ager, r No	eprese	entative N/A	or
The results of this inspection were discussed with W	ilfred Peters at th	e time	of the	inspe	-	
Required Actions: 1. You need to obtain a signed agreement with Napole or will be, removed in 2014. 2. Manage and reduce manure levels in the Manure St						e was
Reminder Actions: 1. Any fields that receive more than one application of fertilizer rates adjusted so as not to exceed the next of the storal application. These records need to be maintained in the whether the sample was taken after agitation. 3. Water samples must be taken and recorded in the of the Rabe farm fields are above 100 ppm Bray P1 and the sample was taken and recorded in the of the Rabe farm fields are above 100 ppm Bray P1 and the sample was taken and recorded in the of the Rabe farm fields are above 100 ppm Bray P1 and the sample was taken and recorded in the of the Rabe farm fields are above 100 ppm Bray P1 and the sample was taken and recorded in the of the Rabe farm fields are above 100 ppm Bray P1 and the sample was taken and the sample was	f manure per grow rops needs. ages from where m ne operating record.	ring se nanure d and	ason n is rem should	nust ha noved f distin	ave nitro for guish	
Recommended Actions: 1. Target soil test levels should be maintained as close appm or 30-60 lbs/acre for corn and soybeans and 25-40. This allows for multiple year nutrient application and the causing deficiencies or increasing environmental risks. 2. Continue to implement housekeeping and best mananecessary.	O ppm or 50-80 lbs ne buildup and dra	/acres wdow	for w	heat ai utrient	nd alfalf s withou	a.
"I certify that this information was reviewed with the the facility."	owner, operator,	mana	ger, or	repre	sentativ	e of
Signature of Inspector Attachment:	5-22-201 Date	4				
Cc:						



Governor John R. Kasich • Lt. Governor Mary Taylor Director David T. Daniels Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agri.ohio.gov • lepp@agri.ohio.gov

INSPECTION FORM

I. FACILITY INFORMATION

Name of Inspector: Mark Fritz Present for Inspection: Greg Cooper - General Manager Kevin Stuckey - Sow Division Manager Dave Talbott, White Oak Manager Pete Sonnenberg - Irrigation Manager Jeff Spangler - Sow Services Manager	e of Inspection: <u>6-2-2014</u>
Inspection Start Time: 10:00 a.m.	
Purpose of Inspection: 1st Routine (1 of 1) 2nd Routine Partial	Complaint Enforcement Other
Facility: Rule 901:10-2-01(C)(1) [White Oak Farm 4604 Road 165 Grover Hill, OH 45849 Phone: 419-594-3325 Fax: 419-594-3221	
Owner/Operator: Rule 901:10-2-01(C)(1) [Cooper Farms PO Box 339 Ft. Recovery, OH 45846 Phone: 419-375-4116 Fax: 419-375-2145 James Cooper e-mail: jimc@cooperfarms.com Gary Cooper e-mail: garyc@cooperfarms.com PERMIT NUMBER: 63-143-PTO-001 63-143-PTI-001 Expiration Date: 07-11-2017	Contact Person (if not owner\operator): Kevin Stuckey 4486 Rd. 197 Cloverdale, OH 45827 Cell: 419-786-9576 e-mail: kevins@cooperfarms.com
Permit Modification: NA Date Effective:	g Pra
Major Operational Changes: NA Date Effective:	
Livestock Manager Name: See next page Rule 901:10-1-06	





Date of Expiration of Certificate Rule 901:10-5-02(B See below

Name	Certificate #	Expiration date	Approved hrs.	Hrs. needed
Bill Knapke	16	12/31/2016	0	10
Kevin Stuckey	45	12/31/2014	4.5	5.5
Dave Talbott	74	12/31/2015	7.5	2.5
Pete Sonnenberg	408	12/31/2017	0	10
Jeff Spangler	127	12/31/2016	0	10

Biosecurity Information:

- No wild turkey hunting 48 hours prior.
- No contact with any swine or feathered species 72 hours prior
- No exposure to swine or feathered species at home, zoo or fair 72 hours prior
- No visits to any processing plants, rendering plants, hatcheries or feed mills 72 hours prior
- Clean footwear and clothing
- Additional restrictions / procedures if barns are entered

Inspector followed facility or industry biosecurity plan whichever is more stringent All questions pertaining to on-site inspections are not answe performed, due to biosecurity precautions.			_
Records inspection took place at new Cooper Oakwood faci	lities offic	e, located	at 14814 Rd. 119,

Paulding, Ohio. Inspector wore disposable boots into office and disposed of them on-site.





II. FACILITY OPERATION INFORMATION

Number and Type of Animals Rule 901:10-2-01(C)(2) and 901:10-1-07(A)(2)

Animal Type	Existing Number of Animals (leave blank if new)	Maximum Number of Animals (for new or expanding)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)		
Swine Over 55 pounds	2,512	2,776
Swine Under 55 pounds	2,000	
Horses		
Sheep or lambs		
Turkeys		
Laying hens		
Broilers		
Duck		
Pullets		
Others:		

Number of Employees: 10Type of Feed System: Dry

III. WATER SYSTEM

Wate Rule 901:	er Supply Sources				
•	Is there a well located at the facility? How Many: 1	⊠ Y	es [No	□ N /A
•	Is water treatment used:	⊠ Y	es [□No	□ N/A
	If so, where does backflush water go?				
	Injected Chlorine system - no backflush	<u>1.</u>			
Drink	ing Groundwater Sampling				
•	Are records of the groundwater samp	ling analysis p	roperly rec	orded in the o	peration
	record?	⊠ Yes	□ No	□ N/A	_
	There is a single well which supplies the	facility's drin	king water p	ond.	

List the dates of the last samples taken.

Groundwater Sample Results

Ground	awater Sam	hie ive	Suits
Date	Well	TCR	Nitrate
5-13-11	Production	Neg	<0.10 ppm
3-7-12	Production	Neg	<0.10 ppm
3-7-13	Production	Neg	0.14 ppm
2-25-14	Production	Neg	<0.10 ppm

Annual well tests due to be taken March 2015

			2010	
Groundw	ater Monitoring			
)(l)(i)&(ii), 901:10-2-03(A)(2)(e			a
• Are	e groundwater monitoring wells requires, list results.	red? 🗌 Yes	⊠ No	□ N /A
Agricultu 901:10-2-02(A)	ral Drainage Well		o.	
• Is tl	here indication of an agricultural drai	nage well (Class	V well) on the	property?
	es, is the agricultural drainage well likely	Yes	⊠ No □ No	N/A N/A
Other Was 201:10-2-08(A)(4)(d	te, Chemicals and Contaminants			
OEP.	A permit# 08-064-NW issued 1-26-2001	nure storage and Yes Yes	□ No □ No	□ N/A □ N/A
• Are herbi	sanitary goes to a septic tank and then to all other waste, including medical icides and other contaminants stored/ nure storage or treatment facility?	waste, cleaning handled in a ma	solutions nes	sticides fertilizer
0	If no, provide brief explanation and treatment facility is permitted/allow	$igotimes ext{Yes}$ l if the discharge ved	☐ No e into the manu	□ N/A re storage or
0	IV. MANURE STORAGE ANI	O TREATMEN	T FACILITI	FS
•	Type of Manure:			
	Rule 901:10-2-10(A) (Check all that apply)	⊠Liquid	⊠ Solid	





	• Ani	nual manure at 901:10-2-10(C), 901:10	nalysis or	File?	Yes		□ No	□ N/A
Манима			2 10(1)(1)(0)					
Type	Sample Re Date		AITT AT	0	D 0	I		1
Lagoon	5/2/12	Moisture %	NH ₄ -N	Organic N	P ₂ O ₅	K ₂ O	Notes	
Compost	5/2/12	99.61	4.3	1.8	0.4	8.2		
Lagoon	5-21-13	23.35	8.2	35.9	104.0	43.8	Lbs./ton	
Compost	5-21-13	99.59	5.1	0	0.6	8.7		
-		9.2	4.6	52.7	115.0	40.2	Lbs./ton	
Lagoon Compost	4-15-14	99.65	4.6	0.8	0.4	7.8		
	4-15-14	27.76	8.4	54.1	138.1	40.3	Lbs./ton	
keen belov	mgn P203	beveis in the m	ortality co	ompost, appli	cation ra	tes mus	st be kept v	ery low in order to
30 ppm, if	possible	os./acre maxim	um P205	limit. Applica	tion sho	uld be	made on fie	elds testing less than
50 ppin, ii	possible.							
Type of manure storage or treatment facility: Rule 901:10-2-04 (Check all that apply) Fabricated structure Manure storage pond								
	⊠M	anure treatmen	t lagoon	Combin		pond		
Fabricate	d Structu	ire						
	• Type	of fabricated	structure	•				
	Rule 901	1:10-2-05						
	□ St	Cne) acking pad/bunl	ck all that					
		ep pit	ker/etc	Concrete	e block o	r stave	pit	1.4
		gh-rise		Manure	rouna ta storage i	nk (mei barn (fe	al/concrete or belt-batte	other)
		her – Compost l	oarn	Compaci	ted earth	en floo	r concrete p	ery, etc) sit
							_	
	• Is the	re a six-inch m	inimum	of freeboard	for all s	torage	structures	s containing liquid
	manu	re or subject to	o precipit	ation/run <u>off</u>	?			
		:10-2-05, 901:10-2-08(Yes		No	⊠ N/A
	Comp	ost barn is roofe	ed and has	s a capacity of	£13,200	cubic 1	feet or 163	tons.
			_					
	• Are re	ecords maintai	ned on st			nur <u>e</u> v		
	Rule 901:	10-2-16A)(l)(a)(iii)			Yes		No	□ N/A
5-29-14								
tructure	Mov	imum Onevett	ee Il	10 10			- -	
Compost ba	m	imum Operati	ng Level	Current C		g Leve	el Storage	e Remaining
		100% gent stored insid	1.	/	75%			25%
dikey intel	buiking a	gent stored msic	<u>ie</u>					
_	In the		41					
	storea	re evidence in	the ope	rating recor	d of re	gular	inspection	s of the manure
	Storage	or treatment	iacilities	for erosion, I	eakage,			
	Kule 901;1	0-2-08(A)(4)(e) & 901:1	0-2-16(A)(1)(a)(ii) X	es		No	\square N/A
•	Do the	imama attaura	.4 1 41 6					
•	Do the	inspections ma	itch the i	requency in t	he man			
	Kules 901:1	0-2-08(A)(1) and 901;1	0-2-16(A)(1)(a)(ii) 🔀 Y	es		No	∐ N/A
	AL AL							
							UTI	LO .





	• Are these regular inspecti Rules 901:10-2-08(A)(4) and 901:10-2-16(ons properly recorded in A)(1) Yes	the operating I	record?
Manure S	torage Pond or Manure Tre	atment Lagoon		
	• Type of manure storage dimensions) Rule 901:10-2-06 (Check all th Earthen manure storage p (Explain number of ponds/lago soil, etc))	at apply) ond	anure treatment alled (plastic, reco	lagoon ompacted soil, in-situ
	Single stage anaerobic treating gallons, and a manure storage	nent lagoon with a minimi e volume of 6,383,911 gal	um treatment vo lons, providing	olume of 9,777,136 187 days' storage.
•	Is there twelve-inches of appropriate design storm, i	I The structure is subject	volume needed to rainfall and	to contain the runoff?
•	Are records maintained on Rule 901:10-2-16(A)(1)(a)(iii) & 901:10-2-06	storage capacity or manu (A)(8) & 901:10-2-08(A)(4)(c) Yes	ire volume?	□ N/A
6-2-14				
Structure	Maximum Operating Level	Current Operating Leve	el Storage Re	maining
Lagoon	15.5 ft.	15ft Oin	0.4.6	i
which aids in	le, water from clean stormwater treatment and odor control.	pond is pumped into lagor	n after center pi	vot applications,
•	Is there evidence in the opstorage or treatment facilitie Rule 901:10-2-08(A)(4)(e) & 901:10-2-16(A)(1)	s for erosion, leakage, an	imal damage o	r discharge?
	Is there evidence in the or conveyances, diversion device the manufacture storage and the manufacture of the	es and devices channelin	g contaminated	of stormwater to
	the manure storage pond or 1 Rule 901:10-2-16(A)(1)(a)(iv)	manure treatment lagoon Yes	? □ No	N/A
•	Do the inspections match the Rules 901:10-2-08(A)(1))	frequency in the manure	management p	olan? N/A
•	Are these regular inspections Rules 901:10-2-08(A)(1)	properly recorded in the	operating reco ☐ No	ord?
	Is the level indicator(s) commanure storage pond or manure successful success	ire treatment laggon?	properly fund	tioning in the
		☐ Yes [□ No	N/A
(E	Sanita Farrage		חייים	





White Oak indicated that the level marker in the lagoon had been damaged by ice this past winter. Elevations were taken and repairs made soon after the inspection. (pictures e-mailed to inspector)

•	Is the vegetation near the manure properly maintained?	storage pond or the manure treatm		treatment lagoor
	Rule 901:10-2-08(A)(4)(j) & (k)	☐ Yes	□ No	□ N/A
•	Are the maintenance inspections structures, devices channeling contathe operating record?	for stormwa aminated sto	ter conveyances rmwater, etc. pr	, runoff diversion operly recorded in
	Rules 901:10-2-16(A)(1)(a)(v) & 901:10-2-08(A)(4)(i), (j) Contaminated runoff from composting		No manure treatmen	N/A t lagoon.
	V. MANURE M	ANAGEME	NT	
•	Is the schedule for manure remove manure management plan? Rules 901:10-2-08(A)(4)(g), 901:10-2-10(B), 901:10-2-16)(A	A)(1)(c)&((e) Yes	□ No	□ N/A
	A semi-circle center pivot covering 54, WO-1W, WO-1MW, WO-1ME and W	O-1E.	stalled in 2001 or	portions of fields

2013 Manure Applications

Date	Storage	Total App.	Acres App.	Field	Avail N/ac.	P205 /ac.	K20 /ac.	Soil P- Meh. ppm	Soil K- Meh. ppm	Notes
7/19	Lagoon	1,053,400 gal.	54.5	CP	25	6	168	25-36	421-877	.1in/ac/pass
7/20- 10/9	Lagoon	4,853,000 gal.	54.5	СР	114	71	605	25-36	421-877	.lin/ac/pass

2014 Manure Applications

Date	Storage	Total App.	Acres App.	Field	Avail N/ac.	P205 /ac.	K20 /ac.	Soil P- Meh. ppm	Soil K- Meh. ppm	Notes
As of 5/9	Lagoon	820,900 gal.	54.5	СР	4	1	21	25-36	421-877	.1in/ac/pass

List the number of acres utilized for land application. (Include both land that is owned and land that is leased).
Rules 901:10-2-09(C), 901:10-2-16(A)(1)(c)(ii)

Acres owned	177
Acres leased	
Other land	
Total acres	177





	 was manure applied on snow-cov 	ered or frozen	ground?	
		☐ Yes	⊠ No	□ N/A
	• If so, was the application site appro-	ved for applicat	tion?	_
	••	Yes	□ No	⊠ N/A
Distributio	on & Utilization			
	• Is manure distributed through Dis	stribution and		
	16 tons mortality compost was remove		No by a neighbor or	□ N/A 1 10/25/2013.
	• If Distribution and Utilization Appendices A, B, F and the most r manure?	method of a ecent manure	manure remov analysis given t	al was used, were o the recipient of the
	Rule 901:10-2-16(A)(1)(e)(iv) & 901:10-2-11(A)	⊠ Yes	□ No	□ N/A
	 Is the record for the Distribution operation record? 	n and Utiliza	tion of manure	maintained in the
	Rule 901:10-2-16(A)(1)(e)(i)(ii)(iii) & 901:10-2-11(B)	⊠ Yes	□ No	□ N/A
Soil Charac	teristics			
	• Are all soil analysis properly rec years?	orded in the	operating reco	rd for the last five
3	Rule 901:10-2-16(A)(1)(c)(vi) & 901:10-2-13(D) (The analysis records must be taken e	Yes very three year	□ No s).	□ N/A
•	Are the soil samples representative sample representing no more than for each land application site, which	twenty-five a	ication site with cres or one co	one composite soil mposite soil sample
	Rule 901:10-2-13(C)	Yes	□ No	□ N/A
•	Do any fields exceed 150 ppm of Pho	osphorous on t	he RravP1 tests	,
	Rules 901:10-2-14(D)(E)(3) & 901:10-2-16(A)(1)(c)(xiii) * If so, list those fields.	☐ Yes	⊠ No	□ N/A
	Owned fields tested in 2012 using Meh 280-877 ppm K.			
	It is recommended to test the areas und accurately monitor soil P and K levels. of excessively high and yield-reducing	Of particular as	gronomic concer	om non-CP areas, to n is the possibility
Nutrient Budg	gėt			
•	Is commercial fertilizer used?			
	Rules 901:10-2-09(C)(2)	⊠ Yes	□ No	□ N/A
	* If so, list amount of commerce Rule 901:10-2-16(A)(1)(c)(xiv)	cial fertilizer us	ed.	
			-	





All needed nutrients under CP supplied by manure in 2013.
Other fields received a total of 140-160 lbs. N/acre in 2013.
2014 rye received no topdress N, except for manure applied through CP.
No P or K applied in starter or as broadcast.

	•	Are the date, rate, qua and source of manure properly recorded in th Rule 901:10-2-16(A)(1)(e)(xiv)	, commercia	l fertilizer, ai	nd/or other o	rganic by-products
		2 To(11)(1)(0)(AIV)		△ res	☐ No	□ N/A
Cropping	Sch	edules				
	•	Is the cropping sched properly recorded in the Rule 901:10-2-16(A)(1)(c)(viii) Rye was not harvested as	operating re	cord?	□ No	□ N/A
	•	Is the crop yield for each Rule 901:10-2-16(A)(1)(c)(ix)	site properly	v recorded in t	he operating r	ecord?
	•	2012 <u>Rye</u> 3 <u>Corn silage</u> 7.	or each site particle. 11 tpa silage 10 tpa silage b 10 tpa silage b	basis basis	ed in the opera	ating record?
Application	Re			11017	<u> </u>	
TT						
		If liquid manure is applie	d, are drain p	olugs being use	ed?	
		Rule 901:10-2-16(A)(1)(c)(iv) One shutoff structure each		⊠ Yes	□ No	□ N/A
•	j	If liquid manure is applied in the operating record? Rule 901:10-2-16(A)(1)(e)(iii) & 901:10-2-	d, are observa	ations of subsu		
•	1	Has the equipment for la ecorded in the operating	nd applicatio	on been inspe	cted, maintain	ed and properly
		ules 901:10-2-08(A)(2)	_	⊠ Yes	□ No	□ N/A
•	A	are there records in the o	perating reco	rd on soil con	ditions at time	s of application,
		ale 901:10-2-16(A)(1)(c) (xvi)		Yes	□ No	□ N/A





	 Are application rates and nutr nitrogen and phosphorus? 	ients applied	in accordance	with ODA rules	for
	Rule 901:10-2-14(D),(E)	⊠ Yes	☐ No	□ N/A	
	Manure nutrients applied now being	g entered direc	tly on to applicati	on record sheet.	
	Are liquid application rates based	d on the Avail	able Water Cana	city chart?	
	Rule 901:10-2-14(C)(1)(d)	∑ Yes	□ No	□ N/A	
•	 Are there records of general wear before and after manure applicati 	ther condition	ıs, temperature a	and rainfall 24 ho	ours
	Rules 901:10-2-12 and 901:10-2-16(A)(1)(c)(xvii)	⊠ Yes	□ No	□ N/A	
•	Are setbacks maintained and prop Appendix A of Rule 901:10-2-14 and Rule 901:10-2-16	erly recorded	l in the operation	record?	
		Yes	□ No	□ N/A	
•	Is there evidence of documented us Rules 901:10-2-14, including Appendix A and 901:10-2-	se of vegetativ	e cover to protec	ct stream channel	s?
	Appendix A and 901:10-2-	Yes	⊠ No	□ N/A	
	VI. INSECT AND R	ODENT CO	ONTROL		
•	Is the insect and rodent control operator or manager?	plan prope	rly implemented	by the owner	or
	Rule 901:10-2-19 & 901:10-2-16(A)(1)(a)(viii))	⊠ Yes	□ No	□ N/A	
•	Does the insect and rodent cont examine pest's populations and pes	rol plan des	cribe the inspe	ction frequency	to
	Rule 901:2-19(B)(3)(a)(i) Weekly	⊠ Yes	□ No	□ N/A	
,	Are these inspections properly reco	rded in the op	erating record?	□ 3 57/A	
	The rodent traps and fly spec cards are There were few fly specks recorded in	e checked and	recorded each wee	∐ N/A ek.	
	Is proper maintenance of the water record?	ring system p	roperly recorde	d in the operatin	ıg
	Rule 901:10-2-19(B)(3)(a)(ii)	⊠ Yes	□ No	□ N/A	
	Are daily inspections of drinking operating record?	water lines	being made and	recorded in th	e
	Rule 901:10-2-08(A)(4)(n) & 901:10-2-19(B)(3)(n)(ii) Water meter readings recorded daily	⊠ Yes	□ No	□ N/A	





• A	re there are	as of concern	for water qu	uality im	pacts?	
	iles 901:10-2-08 and		-[☐ Yes	□ No	□ N/A
• Ts	the water v	vell location r	naintainad in			
P _{II}	le 901:10-2-02(A)(1	Veri location (nameamea m	i a prope. ⊠ Yes	r manner to avoid	
ru.	10 701.10-2-02(A)(1	1)&(2)	Ŀ	△ 1 es	□ No	□ N/A
• F:	acility upked	p and genera	ıl annearance	e:?		
		Above a			Below average	
		Average			Poor	
All questions per	taining to o	n-site inspec	tions are not	t answere	ed since on-site in	enaction was not
performed, due to	o biosecurit	v precaution	e	ano ner	a since on-site in	spection was not
1 9		precumon	· .			
	Describe	the upkeep a	and general a	annearan	ce of the following	
	Above	Average	Below	Poor		ments
	Average		Average	1 001	Con	michts
Diversion						
Ditches						
Diversion Dikes					NA	
Berms						
Embankments						
Pipe Runs				<u> </u>		
	1					
Grassed					NA	
Waterways						
Vegetative Cover						
Contour Grass					NA	
Strips						
Settling Basins					NA	
Feed System						
Storage Areas					NA - did not enter	buildings
Watering System					NA – did not enter	
Walkways or					NA – did not enter	
Walk Areas	- 1				ALTERNATION OF CHILD	oundings
Inside Building						
Walkways or						
Walk Areas						
Outside Building						
Feed Alleys					NA	
Chemicals					NA	





NA

NA

Screens

Ventilation Systems, Fans Others

X. SUMMARY

	• Were the results of the inspection di representative or livestock manager?	⊠ Yes	the owner, op	perator, manager
<u>Re</u>	esults discussed with all those present at inspe	ection.		
	The results will be sent to either the ow livestock manager.	ner, operator,	, manager, rep	resentative or
Required Ac	ctions:			
mom	led Actions: test the areas under the center pivot separately itor soil P and K levels. Of particular agronom yield-reducing soil K levels under the CP.	y from non-CP nic concern is t	areas, to more he possibility o	accurately of excessively high
 Due to order 	ctions: lal well tests due to be taken March 2015 to the high P205 levels in the mortality comports to keep below the 250 lb/acre maximum P20 leg less than 30 ppm, if possible.	ost, application 5 limit. Applic	rates must be k ation should be	tept very low in made on fields
"I certify that representative	this information was reviewed by the inspect e or livestock manager of the facility."	or and/or the o	wner, operator,	manager,
Marke Signature of Insp	pector			

Report prepared by Mark Fritz, June 25, 2014

Cc: Kevin Stuckey, Cooper Farms
Bill Knapke, Cooper Farms
Greg Cooper, Cooper Farms
Dave Talbott, Cooper Farms
Lisa Land, Cooper Farms
Pete Sonnenberg, Cooper Farms
Jeff Spangler, Cooper Farms
Paulding SWCD
Dan Bruner, ODA-DLEP





Governor John R. Kasich + Lt. Governor Mary Taylor Director David T. Daniels Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agri.ohio.gov • lepp@agri.ohio.gov

Inspector Inspection			ce :30 p.m	ı .		١	Date of	Insp	ection	6/4/20	14		
			•	Tv.	20.6	ef Inc	pectio						
			4 st	Routine			Pectic 3rd Rou						
				Routin		_	ora kou Other	tine					
			2	Koutin	e			,	_	_			
Facility							Own	er	\Oper	ator			
Name	J&K Sw	ine Fari	n, LLC				Name		Jamie 8	k Kim Car	npbell		
Address	11054 N	054 Michael Rd not a mailing address			ldress	Addre	SS	4213 W	/ashingto	n Rd. E			
City	Ansonia			Ohio Zip 45303			City		Ansonia	9	Ohio	45303	3
Phone							Phone		937-417	7-1080			
Email		Y2					Email		jkfarm@	embarq	mail.co	m	
Name Email	Jamie (Telepi Cell	none 937-4		1000				
Permit Ir						•	1557 4	11/	1000				
Permit Numb	er		19-13	16-PTO	-001				Expirati	on Date	8/17,	/2016	
Permit Modif	fication						Effective Date						
Major Operat	tional Cha	ange				2,	Effective Date						
The renewal	applicati	on for 1	the expi	ring PT(lliw C	be due	by no l	ate	r than Fe	bruary 1	9, 2016		
Certified	r		-	M*				lt					
		Name		ate Nu	mber	Expir	ation Da	ate	CEUs /	Date			
	_		n/a										
Bio-secur	ity Inf	orma	ition:										
Inspector fol (whichever is a On site visit no not answered	more stri ot made o	ngent) due to b	oiosecur	ity prec	autio	ns. All q	uestion	s pe			□ e inspe	N/A	⊠ are

I. FACILITY OPERATION INFORMATION

Number	and	Type	of	Animals

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)		
Swine over 55 pounds	2935 currently stocked	4,900
Swine under 55 pounds		
Laying hens		
Broilers		
Pullets		
Other:		

Number of Employees	1+family	
Type of Feed System	solid	

II. WATER SYSTEM

Water Supply Sources

How Many? 1	Yes	\boxtimes	No	N/A	
Is water treatment used?	Yes		No	N/A	

Drinking Groundwater Sampling

• Are records of the groundwater sampling analysis properly recorded in the operation record?

Yes \boxtimes No \square N/A \square List the dates of the last samples taken.

Groundwater Sample Results

Date	Well	Nitrate	TCR
2/8/11	Office tap	.1 mg/l	neg
2/28/12	Office tap	<.1 mg//	Neg
6/5/13	Office top	18 ppm	Neg

Groundwater tests are due now and are planned in conjunction with manure sampling.

Gro	undwater	Monitoring								
•	Are ground If yes, list r	dwater monitor esults.	ing wells requ	ires?	Ye	s 🗆	No	> ⊠	N/A	
Agri	cultural Dr	ainage Well								
•	Is there ind	ication of an ag	ricultural drai	nage well (Cla	ass V w	ell) or	ı the pr	opert	/ ?	
					Yes		No	\boxtimes	N/A	
runoff		agricultural dra	inage well like	ly to have			,,,		14/74	
					Yes		No		N/A	\boxtimes
Othe	r Waste, Cl	hemicals and	d Contamin	ants						
•	Is there a sa	nitary permit fo	or this facility?		Yes		No	\boxtimes	N/A	
	o If ye	s, does the sani	tary go to the	manure stora	ge and	treat	ment fa	acility	?	
	o If ye	s, is it permitte	d to do so?		Yes		No		N/A	\boxtimes
•	herbicides an	er waste, inclu nd other contan	ninants stored	waste, clea	ning s a mann	olutio	ons, pe at will r	sticide	es, fertil scharge i	izers, into a
	manure stora	ge or treatmen	t facility?		Yes	\boxtimes	No		N/A	
•	facility is pern	e brief explanat nitted/allowed	•							t
Туре	of Manure			(check all ti	hat apply	ı	Liquid	\boxtimes	Solid	\boxtimes
		e analysis on fil le Results (S		end in #/ton		⊠ d				
Barn	Date	Moisture %	NH ₄	Organic N			Isurea		L,OUUg)	
1	2/9/11	95.3	33,92	.34		₂ O ₅ 3.07		K ₂ O 31.78		
2	Not	Built yet	In 2011	1	- 2	,		J1./0		
Compost	2/9/11	67.05	21.0	41.0	11	90.2*		18.8		
1	11/12/12	95.4	25.3	11.9		2.8	-+	33.51		
2	11/12/12	96.8	36.8	2.43		1.9**		28.2		
Compost	11/12/12	30.85	12.2	37.1		1.6		14.8		
1-before	9/30/13	87.24	39.64	26.16		1.75		32.03		
agitation 1-agitated	10/9/12	00.27	1	-						
2-agitated	10/8/13	90.37	27.56	24.30		.63		20.90		
	10/0/13	1 71 75	1 /17 /1			4		20 20		
Compost	9/27/13	26.39	41.72 12.76	26.88 30.74	31			28.29 11.88		

* This level appears to be quite high. Be sure to obtain a representative sample prior to removal.

As a reminder, manure analyses are due to completed at least once annually from each manure storage structure and should be done just following proper agitation and just prior to removal in order to get representative samples. Typically, manure is removed in the fall. Also, a mortality compost sample is only needed prior to removal.

Barn 1 - On 3/15/13, MTM (More Than Manure) was applied to the manure due to high ammonia levels. The ammonia level dropped from 35 to 10 within 20 minutes of application in the manure pit. There was also 5" of foam present before the MTM was applied, which disappeared following the MTM application. Barn 2 - On 3/15/13, MTM was applied in this barn also; however, there were no foam issues, but the ammonia levels did drop.

The 2014 samples are planned to be collected prior to application. Jamie plans to apply some manure to sidedress corn, weather permitting.

• 1	Type of manure store	age or trea	tmen	t facility: (Check all that apply	<i>(</i>)					
91	ed Structures		Mai	nure storage pond		M	lanure t	reatm	ent lago	on [
Combina	ition									
Fabrica	ted Structure									
• T	ype of fabricated str	ucture:								
				(Check all that apply)						
Stacking	pad/bunker/etc			Concrete block or	stav	e pit				
Deep pit			\boxtimes	Above ground tan	k (m	etal/	concret	e/oth	er)	
High-rise				Manure storage b	arn (1	for b	elt-batt	ery, et	tc)	
Compacte	ed earthen floor cond	crete pit		Other-						
structure in	s operating level is 6.8 f ncludes 4 bays that are being roofed.	eet and has 5 feet tall a	a sto nd has	rage capacity for 1,029 s a storage capacity fo	9,322 r 69.6	gallo tons	ns. The r c. Curren	nortalion the	composi	ist iii t
sui	there a six-inch mini bject to precipitation	n/runoff?			Yes		containi No	ng liqu	uid man N/A	ure or
* Are	e records maintained	on storag	е сар	acity or manure vo	lume	1				
				,	Yes	\boxtimes	No		N/A	
Date	Source	Maxim	um Or	perating Level			Storag	e rema	ining	
5/31/14	1 –west		•	7'					1.2"	
5/31/14	2 - east			6.8'					7"	

A customized weekly form was developed that includes areas to document inspections of manure storage structures for manure levels, structural integrity, vegetation, mortality compost levels, sump pit and insect and rodent control. Jamie performs inspections each Saturday. Excellent records maintained.

6.8'

5'

2 - east

Compost

5/31/14

27"

^{**}There was 3' of water in this pit before pigs were stocked and manure removed for land application for the first time in November, 2012.

• Is there every treatment of the second sec	ridence in the operating facilities for erosion, leak	record of regular insp age, animal damage or	ection discha	s of t	the ma	nure s	torage or
		Ye	s 🛛	N	o 🗆	N/	′A □
Do the insperior	ections match the freque	ncy in the manure mana	geme	nt nla	n?		`
•		Ye		Ne pia		N/	АП
					. 🗀	147	^
 Are these re 	gular inspections properl	y recorded in the opera	ting re	cord?)		
		Yes		No		N/A	A 🗆
						•	
Manure Storage	Pond or Manure Tr	eatment Lagoon –	this s	secti	on N	/ A	
	IV. MANU	RE MANAGEME	NT				
 Is the schedu 	le for manure removal or			lined	in the	manur	P
management	: plan?						
		Yes	\boxtimes	No		N/A	
 List the numb land that is le 	er of acres utilized for lar ased).	nd application. (Include	both l	and t	hat is c	wned	and
	Acres owned			7			
	Acres leased			1			
	Other land			1			
	Total acres	528		1			
ground?	applied on snow-cover	Yes		No	\boxtimes	N/A	
		Yes		No		N/A	\boxtimes
Is manure distr	ibuted through Distributi	on and Utilization meth	ods?				
241				No		N/A	
If Distribution :	and Utilization mathed a				_	-	
and the most re	and Utilization method o ecent manure analysis giv	r manure removal was en to the recipient of th	usea, 10 mar	were	Appen	idices A	A, B, F
	Pie			No	П	N/A	
• Is the record for	or the Distribution and				_	N/A	
record?	or the Distribution and						ration
		Yes		No		N/A	
Date	Source	Amount		estina	ation	7	
10/2013	1 & 2	222,960 g		arga F			
• Are all soil analys	sis properly recorded in tl	he operating record for	the la	st five	years:	?	
(inc allalysis recor	ds must be taken every thre	ee years) Yes 🗵	1	lo [N/A	

	Are the representation	e soil sample: enting no mo	s representativers than twent	ve of a land appyy-five acres or	plication : one comp	site wi	ith one	comp	osite soil or each la	sample and
			ichever is less						□ N,	
	• Do any	fields exceed	d 150 ppm of P	hosphorous o	n the Brav	/P1 te:	st?			
		list those fiel		•				lo D	⊠ N/	⁄A □
Soi	il tests were co	ompleted in De	cember, 2010 &	October, 2013	on all				-	
lan	d in PTO. Resu	ilts to be done	using Mehlich II	l measured in pr	om. Soil te	sts sha	ll be dor	e at le	ast once	every 3
yea ma	ars as required nure application	by ODA Rules. ons. We discus	There are very a sed this during t	good maps of ea	ich field th	at wou	ld be ve	ry usef	ul to use t	to record
		FIELD ID	DATE	Mehlich III	DATE		Mehlic	5 10	ii .	
2			SAMPLED	ppm	SAMPLE	0	ppm			
		BR1 AW	12/2010	(29)	10/2/13		33			
		BR1 BW	12/2010	42	10/2/13		19	explines/y	1	
		BR1 AE	12/2010	32	10/2/43		25			
		BR1 BE	12/2010	45	10/2/13		38		1	
		BRZ AW	12/2010	35	10/2/13		23	30		
		BR2 BW	12/2010	33	10/2/13		45			
		BR2 AC	12/2010	31	10/2/13	1/10/21	18			
		BR2 BE	12/2010	21	10/2/13	the same of the sa	47	CB/1822		
		JAM	12/2010	34	10/2/13	-	47			
		JAE	12/2010	33	10/2/13	-	44 64	NEW DEST		
		JB	12/2010	34	10/2/13		74	A SECTION AS		
•	*If so, list Excellent re Are the da of manual organic to operating	amount of co ecords. ate, rate, qua re, commer by-products record?	mmercial ferti	ood of applicat , and/or oth	ner _{Yes}	nutri	No ent, and No	□ d/or fe	N/A orm and N/A	source
	pping Sch									
•	in the oper	ping schedule ating record?	e for each site,	including past	t year and Yes	d pres	ent yea No	r, pro	perly red N/A	orded:
•	is the crop	yield for eact	site properly	recorded in th	e operati	ng rec	ord?			
					Yes	\boxtimes	No		N/A	
	Is the actua	l crop vield fo	or each site pro	perly recorde	d in the o	nerati	ing reco	rd?		
		. ,			Yes		No		N/A	

Application Records

If liquid manure is applied, are drain plugs being used? Yes 🗌 X N/A П Have if needed. Manure has been custom applied by WWA Farms, which are Certified Livestock Managers (CLM). They maintain the manure application records. DATE SOURCE **AMOUNT** FIELD/acres RATE Soil P – sample date 11/7/12 Barn 1 417,000 g Jamies 90 / 49.9 ac (1/2 field) 8,356 g/a 50, 16 ppm - 12/10 11/7/12 Barn 2 325,470 g Jamies 90 / 44.1 ac (other 1/2 of 7,380 g/a 16-26 ppm - 12/10 field) 1/26/13 Compost 20 ton JAE / 4 ac 5 t/a 33 ppm - 12/10 10/11/13 Barn 2 560,000 g Brandt / 70 ac 18-47 ppm - 10/2013 8,000 g/a 10/11/13 Barn 1 190,000 g Brandt / 47.5 ac 4,000 g/a 18-47 ppm - 10/2013 10/12/13 Barn 1 236,000 g Jamies / 59 acres 4,000 g/a 44-74 ppm - 10/2/13 If liquid manure is applied, are observations of subsurface drains properly recorded in the operating record? Yes N/A Has the equipment for land application been inspected, maintained and properly recorded in the Yes X No N/A operating record? Manure is custom applied by WWA Farms, which are Certified Livestock Managers (CLM). They maintain the records. Are there records in the operating record on soil conditions at times of application, such as soil cracks No Yes 🖂 N/A • Are application rates and nutrients applied in accordance with ODA rules for nitrogen and phosphorus? Yes \boxtimes N/A As a reminder, you must watch those application rates carefully, due to the higher P205 levels. Are liquid application rates based on the Available Water Capacity chart? Yes 🖂 No N/A Are there records of general weather conditions, temperature and rainfall 24 hours before and after manure applications? Yes 🖂 No N/A Are setbacks maintained and properly recorded in the operation record? N/A is there evidence of documented use of vegetative cover to protect stream channels? Yes 🛛 No N/A V. INSECT AND RODENT CONTROL Is the insect and rodent control plan properly implemented by the owner or operator or manager? Yes 🛛 No Does the insect and rodent control plan describe the inspection frequency to examine pest's populations and pest activities?

Yes 🖂

No

N/A

 Are these inspections properly recorded in the operation 	ating re	ecord?				
	Υ	es 🗵	N	lo 🗆	N/	A 🗆
 Is proper maintenance of the watering system prope 	erly rec	orded	in the	operat	ing reco	ord?
	Y	es 🛛	N	o 🗆	N/	A 🗆
 Are daily inspections of drinking water lines being ma 	ade an	d recoi	ded ir	the o	perating	record
	Ye	es 🛛	N	o 🗆	N//	A \Box
VI. MORTALITY MANA	AGEN	MENT	•			
What type of mortality management does the facility	have?					
 Are there inspection records properly recorded in the 	opera	ting re	cord o	n mort	ality?	
	Ye	s 🗵	No		N/A	
 Are Best Management Practices being utilized? <u>Did not view during this inspection.</u> 	Ye	s 🗆	No		N/A	
VII. OPERATING RECORD	– GE	NER	AL			
Are all operating records up-to-date and available for a	review	by the	inspe	ctor?		
	Yes	-	No		N/A	
 Is a copy of the RCC, PTI, PTO and/or NPDES permit wi 	th the	operat	ing re	cord or	located	l in the
site office?	Yes	\boxtimes	No		N/A	
 Have the operating records been retained by the ow years? 	ner or Yes	opera	tor fo No	rami	nimum N/A	of five
Since the last inspection, have any operational changes	been	made a	at the	facility	?	
	Yes		No	\boxtimes	N/A	
VIII. VISUAL INSPECTIONS AND OUTS Due to biosecurity concerns, on-site facility inspection not marked n/a.						?
Water Quality Impacts						
Is there evidence of actual offsite discharge?	Yes		No		N/A	
Are there areas of concern for water quality impacts?	Yes		No		N/A	
Is the water well location maintained in a proper manne	r to av	oid cor	ntamir	ation?	1	
	Yes		No		N/A	\boxtimes

Describe the upkeep and general appearance of the following

Due to biosecurity concerns, on-site facility inspection not completed, therefore this section is n/a.

*	Above Average	Average	Below Average	Poor	Comments
Dikes and Diversion Ditches		riverage	Average	POOL	Comments
Berms		- 13			
Embankments					
Pipe Runs					
Grassed Waterways					
Vegetative Cover					
Settling Basins					
Feed System					
Storage Areas	J.F.				
Watering System					
Walkways or Walk Areas Inside Building					
Walkways or Walk Areas Outside Building					
Ventilation Systems, i.e. Fans					
Others					

VIII. SUMMARY

livesto	ock manager?	Yes	\boxtimes	No		N/A	
Remin	der Actions:						
•	The renewal application for the expiring PTO will be	due by no later th	an Feb	ruary 1	9, 2016	ű.,	
•	Groundwater tests are due now (June) and are plan						
•	Manure analyses are due prior to application in 201						
•	Review those soil tests that are due in 2014.						
•	Carefully monitor the application rates of P205 due	to the higher levels	s in the	manur	e.		
the fac	ify that this information was reviewed with the ility."	owner, operator	, 111 0 11	agei, u	пери	escritati	AG O
Chris	tine Pence	6/4/14	+				×
Signatu	re of Inspector	Date					1

Director David T. Daniels

Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068

8995 East Main Street, Reynoldsburg, OH 43068 Phone: 614-387-0470 • Fax: 614-728-6335 www.agri.ohio.gov • lepp@agri.ohio.gov

Inspector	Dan	Bruner		
Inspection	Start	Time	9:00	am

Date of Inspection 6/16/2014

TIOL	1
	ction

1st Routine ⊠ 2nd Routine □ 3rd Routine □ Other □

Facility

Owner\Operator

Name	Fox Tail				Cooper Farms						
Address	9496 Jericho Road			Address	PO Box 339				Iress PO Box 339		
City	Hicksville	ОН	43526	City	Ft. Recovery	ОН	45846				
Phone	419-594-3324		Phone	419-375-4116							
Email			Email								

Contact Person

Name	Kevin Stuckey	Telep	hone	
Email	kevins@cooperfarms.com	Cell	419-786-9576	

Permit Information

Permit Number	20-189-PTO-001	Expiration Date	9/5/2018
Permit Modification		Effective Date	
Major Operational Change		Effective Date	

20-189-PTI-001: Expansion to 3,675 swine with addition of acclimation building and enlargement of gestation building. Final stocking approval and PTI closeout letter issued 1-28-2014.

Certified Livestock Manager

Name	Certificate Number	Expiration Date	CEUs	CEU's Needed
Bill Knapke	16	12-31-2016	0	10
Kevin Stuckey	45	12-31-2014	4.5	5.5
Rob Weible	199	12-31-2015	5	5

Bio-security Information:

Inspector followed facility or industry bio-security plan	Yes	\boxtimes	No	N/A	
(whichever is more stringent)					

No wild turkey hunting 48 hours prior. No contact with swine, feathered species or zoo 72 hours prior. No visits to processing plants, rendering plants, hatcheries or feed mills 72 hours prior. Clean footwear and clothing. Additional restriction procedures if barns are entered or disease outbreak occurs.

I. FACILITY OPERATION INFORMATION

Animal Type	_	per of Animals f facility is new)	Maximum Number of Animals (for new or expanding facilitie				
Slaughter and feeder cattle							
Dairy heifers							
Mature cows (milked or dry)							
Swine over 55 pounds		2,400	3,675				
Swine under 55 pounds Laying hens							
Broilers							
Pullets							
Other:							
Julier.							
Number of Employees		12)				
Type of Feed System		Dry					
-							
How Many? 1 • Is water treatment us	sed? Yo	es 🛛 No 🗆					
If so, where does back							
ijected chlorine system, there i	n						
jected chlorine system, there i	ter Sampling oundwater sampling a		corded in the operation record? □ N/A □				
pjected chlorine system, there i	ter Sampling	analysis properly re Yes ⊠ No					
prinking Groundwat Are records of the grounds	ter Sampling bundwater sampling a st samples taken.		□ N/A □				
prinking Groundwat Are records of the grounds	ter Sampling bundwater sampling a st samples taken.	Yes 🛛 No	□ N/A □				
prinking Groundwat Are records of the grounds	ter Sampling bundwater sampling a st samples taken. Groundwater	Yes ⊠ No Sample Results TCR Nitrate	□ N/A □				
prinking Groundwat Are records of the grounds	ter Sampling bundwater sampling a st samples taken. Groundwater Source Date	Yes ⊠ No Sample Results	□ N/A □				
prinking Groundwat Are records of the grounds	ter Sampling bundwater sampling a st samples taken. Groundwater Source Date Well 2-14-13	Yes No Sample Results TCR Nitrate Neg. <0.10 mg/l	□ N/A □				
prinking Groundwat Are records of the grounds	ter Sampling bundwater sampling a st samples taken. Groundwater Source Date Well 2-14-13	Yes No Sample Results TCR Nitrate Neg. <0.10 mg/l	□ N/A □				
prinking Groundwat Are records of the grounds	ter Sampling bundwater sampling a st samples taken. Groundwater Source Date Well 2-14-13	Yes No Sample Results TCR Nitrate Neg. <0.10 mg/l	□ N/A □				

If yes, list results.

Agricultural Drainage Well

• Is	there indi	cation of an agri	cultural dra	inage well (Cla	ass V we	ll) or	the pro	perty	?	
If runoff?	yes, is the a	agricultural draiı	nage well lik	ely to have	Yes		No		N/A	
					Yes		No		N/A	\boxtimes
Other V	Vaste, Ch	emicals and	Contami	nants						
• Is	there a san	nitary permit for	this facility	?	Yes		No		N/A	
	o If yes	, does the sanit	ary go to th	e manure stor	age and	trea	tment fa	cility	?	
				Yes		No		N/A		
	o If yes	s, is it permitted	to do so?		Yes	\boxtimes	No		N/A	
• Is	filters.	permit #918781 i . It is then discha waste, includi d other contam	rged to the lains medica	agoon. I waste, clea	aning so	oluti	ons, pe	sticido	es, ferti	lizers,
		ge or treatment			Yes		No No		N/A	
fac	ility is pern	e brief explanationitted/allowed.		AND TREA	TMEN	I TI				nt
Type of	wanure			(check all	that apply	′	Liquid	\boxtimes	Solid	\boxtimes
		e analysis on fil				\boxtimes	No		N/A	
	re Sampl	e Results (So	lids measu	red in #/ton	– liquid	me				
Source	Date	Moisture %			P ₂)5			Agit	ated
Lagoon Compost	4-17-14 4-17-14	99.85 56.03	1.49	.58 1.14	1.9			.82 .17		lo A
Type Fabricated 5	e of manur	e storage or trea		lity: eck all that apply) ()				1	

Fabricated	Structui	re					
• Type	of fabricate	ed structure:					
Stacking pad/ Deep pit High-rise Compacted ea		C ☐ Conc ☐ Abov ☐ Manu	call that apply) rete block or stave re ground tank (m ure storage barn (r - Compost Barn	etal/con		•	
subjec	t to precipi	n minimum of freeboard for itation/runoff?	Yes		taining lic	quid man N/A	ure or
		tunied on storage capacity	Yes	_	No 🗆	N/A	
Structure	Date	Maximum Operating Level	Current Manure	Level	Storage	remainir	ıg
Compost Barn	6-13-14	100%	65%	July 1		35%	No.
• Do the	inspections	es for erosion, leakage, aning sometimes match the frequency in the sometimes documented.	Yes e manure manage Yes	⊠ I ement pl ⊠ I	No 🗆	N/A	
			Yes		No 🗆	N/A	
Manure Stor	rage Pon	d or Manure Treatme	nt Lagoon				
• Type of	manure st	orage pond or manure treat	tment lagoon (and Il that apply)	d approx	imate din	nensions))
Earthen manu	re storage		ianure treatmen	t lagooi	n 🛛 🛚	N/A	
manure, storage v (Explain number o • Is there	/olumes of (of ponds/lage twelve-incl	eatment lagoon with a mining 5,317,233 gallons, providing appoons, type of liner system instantes of freeboard, plus the vure is subject to rainfall and	mum treatment von pproximately 364 daulled (plastic, re-comolume needed to	olume of ays of sto apacted so contain	12,069,47 rage. oil, in-situ s	70 gallons soil, etc.))	esign
Are reco	rds mainta	ined on storage capacity or	manure volume? Yes		No 🗆	N/A	

Structure	Date	Maximum Operating Level	Current Manure Level	Storage remaining		
Lagoon	6-13-14	187"	167"	20"		
	I De	EDITOR VICTOR		han-mana		

•	Is there evidence in the operating record of regular ins treatment facilities for erosion, leakage, animal damage or				manu	re stor	age o
		Yes	\boxtimes	No		N/A	\
•	Is there evidence in the operating record of weekly inspendiversion devices and devices channeling contaminated append or manure treatment lagoon?						
	Y	'es		No		N/A	
•	Yes ⊠ No □ N/A □						
	Y	es		No		N/A	
•	Are these regular inspections properly recorded in the oper	ratin	g reco	ord?			
			\boxtimes	No		N/A	
•	Is the level indicator(s) conspicuously located and properly	/ fun	ctioni	ng in t	he ma	nure st	orage
	pond or manure treatment lagoon?	es	\boxtimes	No		N/A	
•	Is the vegetation near the manure storage pond or the r	manı	ure tr	eatme	nt lage	oon pro	perly
	maintained?	es	\boxtimes	No		N/A	
	Are the maintenance inspections for stormwater conveys devices channeling contaminated stormwater, etc. properly						
	Ye	es	\boxtimes	No		N/A	
			_				
•	Is the schedule for manure removal or manure residual rem management plan?	Yes ⊠ No □ N/A □ MANURE MANAGEMENT removal or manure residual removal outlined in the manure					
	Ye	es [\boxtimes	No		N/A	
	Field: The field number of Date: Date of manure app						
	Tons / Gals: Tons or gallons app			e field.			

Storage: Storage structure manure was removed from.

Acres: The acres of the field applied to.

Lbs P Applied: The pounds of P applied to the field from the manure application(s). P Level: The phosphorus value of the field as reported at the time of application in

ppm/acre										
Field	Year			Year			Year			
	Date	Tons/gals Storage	Acres Lbs P applied P Level ppm/acre	Date	Tons/gals Storage	Acres Lbs P applied P Level ppm/acre	Date	Tons/gals Storage	Acres Lbs P applied P Level	

								~	
- 1 K 115x	Ť								
	, W		17	ilva je	2 840 1/	5 ST 1 50	5 ZW = 11		
E8/01/01/2007	A COLUMN								
				在10年3					
	045234	Harry-Service (45)	Estivasie wax	Decident of the second	Michigan	TO SERVICE AND ADDRESS OF THE PARTY OF THE P	EXIL SECTION	The Section of the Se	Marie Tribula
YEAR 경우(투박)		With the sale	endella n				A Salahaye	ku travle	
48 J. Bar	CAN ST	YEAR DESIGNATION	相目的政策	ii ii syrae	A 878 - 195	74 175 152	SCOLLARS	Industrial State	PERSONAL A
10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					a Bom row	A TOTAL HALL	000000000000000000000000000000000000000		gangara a
	e rijiya a						to Victoria		ELECTION OF
**	2044 =	0.000 !!	The second				co.	STATE STATE OF	

*On 6-3-2014, 50,000 gallons of manure was added to the anaerobic lagoon from the Six Mile Boar Stud lagoon. This addition is to help jump start the anaerobic digestion process in Foxtail's lagoon. Cooper Farms Six Mile Boar Stud facility is not permitted.

• List the number of acres utilized for land application. (Include both land that is owned and land that is leased).

Acres owned	170
Acres leased	
Other land	
Total acres	170

•	Was manure applie ground? * If so, was the applications applied to the applied t	d on snow-covered ation site approved for		Yes	_ ·S	No	\boxtimes	N/A			
				Yes		No		N/A	\boxtimes		
•	Is manure distributed through Distribution and Utilization methods?										
				Yes		No	\boxtimes	N/A			
•	If Distribution and Utilization method of manure removal was used, were Appendices A, B, F and the most recent manure analysis given to the recipient of the manure?										
				Yes		No		N/A	\boxtimes		
•	Is the record for the Distribution and Utilization of manure maintained in the operation										
	record?			Yes		No		N/A	\boxtimes		
	Date	Source	Amount		Destination						
					-	11					
						Server S	THE PERSON				

Soil Characteristics

• Are all soil analysis properly recorded in the operating record for the last five years?

	(The analy	sis records must	be taken every thre	e years)	Yes	\boxtimes	No		N/A	
•	represent	ting no more th	resentative of a la an twenty-five acr							
	application	on site, whichev	er is less?		Yes	\boxtimes	No		N/A	
•		elds exceed 150 t those fields.	ppm of Phosphor	ous on the B	rayP1 t	test?	No	\boxtimes	N/A	
Nutri	ient Bu	dget - This is	the first crop year	since permit	ted.				•	_
•	*If so, list		s ed? mercial fertilizer us a tion was not avail		Yes f inspec	⊠ tion.	No		N/A	
	of manure	e, commercial for	ty and method of ertilizer, and/or o	application on the contract of	of the n	utrie oduct	nt, and s prop	or fo	rm and	source in the
	operating	record?			Yes		No		N/A	\boxtimes
			s is the first crop y							
İ	in the oper	rating record?	or each site, inclu		Yes		No	r, prop	N/A	corded
	is the crop	yieid for each s	ite properly recor	ded in the op	eratin Yes	g reco	ord? No		N/A	\boxtimes
• 1	Is the actua	al crop vield for	each site properly	recorded in		u Veratio		_	IV/A	
			addit dite property	recorded in	Yes		No		N/A	
Cro	Contract of the last of the la	2014	2015	2016		20)17		201	8
Cor Soybe				LAKE ME	16 1			2		
Whe		Jacob Company		N. Carlot			8 100	100		STILLS
			is the first seasor		ion sin	ce pe	rmittin	g.		
						\boxtimes	No		N/A	
O	perating re	cord?	l, are observatior	ns of subsurf	ace di	ains	proper	ly rec	orded i	n the
N	lo manure h	as been applied s	ince permitting.		Yes [No		N/A	\boxtimes

•	mas are equipment for land application been hispected	d, mai	ntaine	d and	proper	ly recor	ded in
	the operating record? New 53 acre center pivot is installed and ready for use.	Yes	\boxtimes	No		N/A	
•	Are there records in the operating record on soil conditi	ions at	t times	of api	olicatio	n. such	as soil
	cracks	Yes		No		N/A	
•	Are application rates and nutrients applied in accorda	ance v	vith O	DA ru	es for	nitroge	n and
	phosphorus?	Yes		No		N/A	
•	Are liquid application rates based on the Available Water	er Cap	acity c	hart?			
		Yes		No		N/A	\boxtimes
•	Are there records of general weather conditions, tempe	rature	and r	ainfall	24 hou	rs befor	e and
	after manure applications?	Yes		No		N/A	\boxtimes
•	Are setbacks maintained and properly recorded in the o	perati	on rec	ord?			
		Yes		No		N/A	\boxtimes
•	Is there evidence of documented use of vegetative cover	r to pr	otect s	tream	chann	els?	
		Yes		No		N/A	\boxtimes
	V. INSECT AND RODENT O	ON.	TROI				
•	Is the insect and rodent control plan properly implen				nor or	onerat	or or
700	manager?	Yes	a by t	· No		N/A	
•	Does the insect and rodent control plan describe the in	specti	on fre	quenc	y to ex	amine p	est's
	populations and pest activities?	Yes	\boxtimes	No		N/A	
•	Are these inspections properly recorded in the operating	recor	d?				
		Yes	\boxtimes	No		N/A	
	The rodent traps and fly spec cards are checked and recorded of						
	Is proper maintenance of the watering system properly r			•	rating		
		Yes	\boxtimes	No		N/A	
•	Are daily inspections of drinking water lines being made	and re	corde	d in the	e opera	ting rec	ord?
		Yes	\boxtimes	No		N/A	

VI. MORTALITY MANAGEMENT

•	What type of mortality management does the facility h	nave?					
	Composting is done in the mortality compost barn. Are there inspection records properly recorded in the	operati	ng rec	ord on	morta	lity?	
		Yes		No		N/A	
•	Are Best Management Practices being utilized?	Yes		No		N/A	
	VII. OPERATING RECORD -	- GEN	VER/	λL			
•	Are all operating records up-to-date and available for r	eview Yes		inspec No	tor?	N/A	
•	Is a copy of the RCC, PTI, PTO and/or NPDES permit with		_		ord or	-	in the
	site office?	Yes	⊠	No		N/A	
•	Have the operating records been retained by the ow years?	ner or Yes	opera	itor foi No	a mii	nimum (N/A	of five ⊠
	Since permitting.						
•	Since the last inspection, have any operational changes	been i	made	at the f	facility	?	
		Yes		No		N/A	
	A new center pivot has been installed and is ready for irrigation finished and stocked.	n this su	ımmer	. The ac	climati	on barn i	is
	VIII. VISUAL INSPECTIONS AND OUTS	SIDE	INFO	ORM.	ATIO	N	
Wat	er Quality Impacts						
•	Is there evidence of actual offsite discharge?	Yes		No		N/A	
•	Are there areas of concern for water quality impacts?	Yes		No	\boxtimes	N/A	
•	Is the water well location maintained in a proper manner	er to av Yes	void co ⊠	ontami No	nation	? N/A	

Describe the upkeep and general appearance of the following

	Above Average	Average	Below Average	Poor	Comments
Dikes and Diversion Ditches	Х				
Berms	Х				
Embankments	Х				
Pipe Runs	Х				
Grassed Waterways			20		NA
Vegetative Cover			х		Some bare spots from construction
Settling Basins					NA
Feed System	Х				
Storage Areas	Х				
Watering System	Х	X			
Walkways or Walk Areas Inside Building	х				
Walkways or Walk Areas Outside Building	х				
Ventilation Systems, i.e. Fans	Х				
Others					

VIII. SUMMARY

Were the results of the inspection discussed with the owner, o	perato	r, man	ager, r	eprese	entative	or
livestock manager?	Yes	\boxtimes	No		N/A	
The results of this inspection were discussed with Bill Knapke, time of the inspection.	Kevin S	tuckey	and R	ob We	eible at	the
Required Actions: 1. Dates, rates, quantities and methods of application of nutrier other organic by-products need to be properly recorded in the case. Seeding's already completed on construction disturbed areas necessary. Reminder Actions:	peratin	g reco	rd.			
Recommended Actions: 1. Use of a pre-sidedress nitrogen test is highly recommended to commercial nitrogen. 2. Target soil test levels should be maintained as close to agrono ppm or 30-60 lbs/acre for corn and soybeans and 25-40 ppm or This allows for multiple year nutrient application and the buildup causing deficiencies or increasing environmental risks. 3. Any fields that receive more than one application of manure pointrogen fertilizer rates adjusted so as not to exceed the next crossing environmental risks.	omic suff 50-80 lb o and dr per grov	ficiences/acres awdow	y levels s for w wn of n	s as po heat a utrien	essible, 1 and alfal ts witho	15-30 fa.
"I certify that this information was reviewed with the owner, o the facility."	perator	, man	ager, o	r repr	esentati	ve of
	6-16-20	14				
Signature of Inspector	Date					
Attachment:						
Cc:						



Governor John R. Kasich • Lt. Governor Mary Taylor
Director David T. Daniels

Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335

www.agri.ohio.gov * lepp@agri.ohio.gov Inspector Christine Pence Date of Inspection 6/30/14 **Inspection Start Time** 1:00 p.m. Type of Inspection 1st Routine 3rd Routine 2nd Routine **⊠** Other **Facility** Owner\Operator Name Strickler Farms, LLC Name Neil and Theresa Strickler **Address** 7600 Strickler Rd. (do not mail) **Address** 6115 Amanda-Clearport Rd. City Amanda **Zip** 43102 City Ohio **Phone** 740-969-4272 Phone Email ntstrickler@frontier.com **Email Contact Person** Name Neil and Theresa Strickler Telephone 740-969-4272 **Email** ntstrickler@frontier.com Cell 740-438-3721 **Permit Information** Permit Number 23-016-PTO-003 **Expiration Date** 4/4/2019 **Permit Modification Effective Date** Major Operational Change **Effective Date Certified Livestock Manager** Name **Certificate Number Expiration Date** CEUs / Date n/a **Bio-security Information:** Inspector followed facility or industry bio-security plan (whichever is more stringent)

Viewed facility from Theresa's vehicle. All questions pertaining to on-site inspections are not answered since on-site inspection of each manure storage structure was not made due to biosecurity precautions

I. FACILITY OPERATION INFORMATION

Number and Type of Animals

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		
Dairy heifers		
Mature cows (milked or dry)		
Swine over 55 pounds	3,131	3,500
Swine under 55 pounds	1,043	1,000
Laying hens		7
Broilers		
Pullets		
Other:		

Number of Employees	family	
Type of Feed System	solid	

Barn	Barn #40	Quad 1-4	Nursery
Capacity	2,400	1,100	1,000

II. WATER SYSTEM

Water	Supp	ly Source	:5
-------	------	-----------	----

is there a well located at the facility?					
How Many? 3	Yes	No		N/A	
Is water treatment used? If so, where does back flush go?	Yes	No	\boxtimes	N/A	

Drinking Groundwater Sampling

•	Are records of the groundwater sampling anal	ysis pr	operly r	ecord	ed in th	e operation record
	Yes	\boxtimes	No		N/A	
	List the dates of the last samples taken.					

Groundwater Sample Results

Sample Date	Nitrate	Fecal Coliform
April 18, 2013	<1.0 ppm	<10/100 ml
March 7, 2014	<1.0 ppm	<10/100 ml

Groundwate	er Monitor	ring						
	undwater mo	onitoring we	ells requires?	Yes		lo 🗵	N/A	
Agricultural	Drainage \	Well						
• Is there	indication of	an agricultu	ural drainage w	ell (Class V we	li) on the p	oroperi	ty?	
32			well likely to ha	Vos	□ N			
				Yes	□ N	o 🗆	N/A	\boxtimes
Other Waste	, Chemical	s and Co	ntaminants					
• Is there	a sanitary pe	rmit for this	facility?	Yes		o 🛚	N/A	
0	If yes, does th	e sanitary g	o to the manur	e storage and	treatment	t facilit	y?	
0	If yes, is it pe	rmitted to o	lo so?	Yes		. .	N/A	\boxtimes
herbicide	es and other storage or tre	contaminan	medical wast its stored/hand lity?	led in a mann Yes	er that wi	ll not d	discharge N/A	into
facility is	permitted/al	llowed.	nd if the discha AGE AND T		IT FÁCI	LITIE	S	t ⊠
	anure analys			Yes	⊠ No		N/A	
Manure S	ample Res	ults (Solid	s measured in	#/ton – liqui				
WILL AND THE SAME	Date	IVIOISTUTE 70	Nitrogen Total	Organic	P₂O₅/ton oı	gai	K₂O/ton or ga	
Barn #40	2/24/2012	95.41 %	30.5#/1000 gal	9.6#/1000 gal	33.9#/1000	gal	27.0#/1000 g	al
Barn #40	7/29/2013	96.3 %	13.0 #/1000 gal	10.4 #/1000 gal	18.3 #/1000		27.0#/1000 g	
Barn #40	3/7/2014	94.74	33.1 #/1000 gal		36.5 #/1000			al l
MS Pond	2/24/2042			1 10'4 #\TOOO 891			28.7 #/1000 p	
MS Pond	2/24/2012	98.81 %	13.9#/1000 gal	10.4 #/1000 gal 5.2#/1000 gal			28.7 #/1000 g	al
	3/19/2013	98.81 % 98.90 %		5.2#/1000 gal 4.4 #/1000 gal	4.4#/1000 g 3.5 #/1000	gal	16.5#/1000 g	al al
MS Pond			13.9#/1000 gal	5.2#/1000 gal	4.4#/1000 g	gal gal	16.5#/1000 g 15.7 #/1000 g	al al al
Compost	3/19/2013 3/7/2014 2/24/2012	98.90 %	13.9#/1000 gal 11.3 #/1000 gal	5.2#/1000 gal 4.4 #/1000 gal	4.4#/1000 g 3.5 #/1000	gal gal gal	16.5#/1000 g	al al al
MS Pond Compost Compost	3/19/2013 3/7/2014 2/24/2012 3/19/2013	98.90 % 99.38 71.41 % 64.36 %	13.9#/1000 gal 11.3 #/1000 gal 9.6 #/1000 gal 2.6#/ton 0.0#/Ton	5.2#/1000 gal 4.4 #/1000 gal 4.4 #/1000 gal	4.4#/1000 g 3.5 #/1000 1.7 #/1000	gal gal gal	16.5#/1000 g 15.7 #/1000 g 7.0 #/1000 ga	al al al
Compost	3/19/2013 3/7/2014 2/24/2012	98.90 % 99.38 71.41 %	13.9#/1000 gal 11.3 #/1000 gal 9.6 #/1000 gal 2.6#/ton	5.2#/1000 gal 4.4 #/1000 gal 4.4 #/1000 gal 2.6#/ton	4.4#/1000 g 3.5 #/1000 1.7 #/1000 0.6#/ton	gal gal gal	16.5#/1000 g 15.7 #/1000 g 7.0 #/1000 ga 1.2#/ton	al al al

• Type of manure storage or treatment facility:

		(Check all that apply	y)				
Fabricated Structures Combination	⊠ Mai	nure storage pond	\boxtimes	Manur	e treatn	nent lago	on 🗆
Fabricated Structure	X X	(Check all that apply Concrete block or Above ground tar Manure storage b Other-	stave nk (me	tal/cond		•	
Is there a six-inch minimum subject to precipitation/run Based upon records.	off?		Yes		aining li No 🗆	quid man	ure or
 Are records maintained on s 6/30/14 Record below 	storage ca	pacity or manure ve	olume Yes		lo 🗆	N/A	
Quad -New Hog Barn #40 Quad 1-4 (drains to ms pond) Earthen Holding Pond Compost Area		7.5 ft 4.0 feet 9 ft 4 bays plus 1 bay for sawdust storage	3 2 4 8 8	feet 7 inche feet feet 6 inche lay #1 – 0 lay #2 = 1/3 lay #3 = 1/3 lay #4 – full lay #5-sawde	25		
 Is there evidence in the optreatment facilities for erosion Do the inspections match the 	on, leakag	e, animal damage c	or disc Yes	harge? ⊠ N	o 🗆	nure stora	age or
Are these regular inspections		recorded in the ope	Yes	⊠ N	o 🗆	N/A	
Manure Storage Pond or Mar Type of manure storage pond	or manur	e treatment lagoor Check all that apply)	n (and)
Earthen manure storage pond (Explain number of ponds/lagoons, type o		hen manure treat m installed (plastic, re				N/A	

Holding pond that receives liquid from Quad 1-4 and nursery. Capacity is 630,000 gallons. MOL is 10.5 feet.

•	Is there twelve	-inches of freeboard, p	lus the volume no	eeded	to cor	ntain tl	ne app	ropriate	design	
	storm, if the st	ructure is subject to rai	nfall and runoff?	,	Yes	\boxtimes	No	□ N	/A 🗆	
•	Are records ma	intained on storage cap	pacity or manure	volum	e?					
		х	,	Ye		N	o [N/	A 🗆	
•		nce in the operating						·		
	or discharge?	the manure storage or	treatment faciliti	es ror	erosic	on, iea	kage, a		amage	
	or discharger			Yes	\boxtimes	No		N/A		
•	diversion devic	ce in the operating recessions and devices channed treatment lagoon?	cord of weekly in eling contaminate	ed sto	rmwa	ter to	nwate the m	anure s	ances, torage	
	11	T .		Yes	\boxtimes	No		N/A		
•	Do the inspection	ons match the frequenc	y in the manure	manag	emen	t plani	?			
		•	•	Yes		No		N/A		
									_	
•	Are these regula	ar inspections properly	recorded in the o	perati	ng rec	ord?				
				Yes	\boxtimes	No		N/A		
•	Is the level indic	cator(s) conspicuously l	ocated and prop	erlv fu	nction	ning in	the m	anure si	torage	
	pond or manure	treatment lagoon?				14	_		_	
				Yes	\boxtimes	No		N/A		
	crete box installed	in the manure storage	pond with the ins	ide of	the bo	ox mar	ked w	ith deptl	ns.	
•	Is the vegetatio	n near the manure sto	orage pond or th	ie mai	nure t	reatm	ent lag	goon pro	operly	
	maintained?			Yes	\boxtimes	No		N/A		
-	Are the mainter	nance inspections for	stormwater conv	.evan	ec ru	noff c	livorci	on struc	turoc	
	devices channeli	ng contaminated storm	water, etc. prop	eriv re	corde	d in th	e oper	ating re	cord?	
		•		Yes	\boxtimes	No				
				163		INO		N/A		
		IV. MANUR	E MANAGE	MEN	IT					
•	Is the schedule fo	or manure removal or r	manure residual r	emova	al outl	ined ir	the m	anure		
	management pla			Yes	\square	No	П	N/A	П	
				163		140		IV/A		
•	List the number of	of acres utilized for land	annlication (In	ا ماریات	hoth Is	and the	at is ov	uned an	d	
	land that is lease	d).	application. (III	ciaac i	30111 10	and the	at 13 O	viica aii	u	
		Acres owned								
		Acres leased	V.			1				
		Other land				-				
		Total acres	1.605			III				

Additional land recently acquired, the Bussert Farm consisting of 178 acres. Soil tests were done and current.

Manure	Year 2013		Year March	2014	Year	
Туре	Tons/gals	acres	Tons/gals	Fleld/acres	Tons/gals	acres
Manure Pond	852,000 gallons	E-NCC 32 acres DupD -17 acres DupN -10 acres E63 -40 acres DupA/ECP-33 acres	288,000 g 252,000 g	E-92-low/48 ac E-92-upper/ 42 ac		
Barn #40	486,000 gallons	PERSONAL VIOLENCE - CONTROL OF THE PERSON OF	306,000 g 228,000 g	Kull-lo/mid /51 ac DupD/38 ac (field is 83 ac)		
Compost	26 tons	SF-HP, E63, Dup B 9 acres	8 ton	E63-1acre		
	1,338,000 gallon 8 tons	223 acres 13 acres				

When determining manure application rates, be sure to keep the Phosphate applications under 250 #/acre.

Also as a reminder, the maximum, summer time, application rate of Available Nitrogen is limited to 50 #/acre if the field is a high Nitrogen leaching field (tile drainage would make it high leaching) and there is no growing crop before Oct. 1st. Keep in mind that if applying nitrogen to a grass or legume cover crop that is growing or being established immediately after manure application, manure can be applied at the recommended nitrogen rate for the next non-legume crop.

•	Was manure applied ground?			Yes		No	\boxtimes	N/A	
	* If so, was the applica	tion site approved fo	r application?	Yes		No		N/A	\boxtimes
•	Is manure distributed t	hrough Distribution	and Utilizatio	n met Yes	hods?	No	\boxtimes	N/A	
•	If Distribution and Util and the most recent m							endices /	A, B, I
•	Is the record for the	Distribution and Ut	ilization of n	Yes nanur	□ e mai	No ntaine	□ ed in t	N/A the ope	⊠ ratior
	record?			Yes		No		N/A	\boxtimes
	Date	Source	Amoun	t		Destir	nation		
Soil (Characteristics								
•	Are all soil analysis prop			ord fo	or the i	ast fiv	e yea	rs?	

Soil tests are all current. Done in December 2013 and March 2014. Copies were provided during this inspection.

No

N/A

	•	Are the soil sa	mples repre	esentati	ve of a	land ap	plicati	on site	with	one co	mposit	e soil sa	mple
		representing rapplication sit				acres or	one co			-			
		application sit	c, willenese	-1 13 1633	11			Yes		No		N/A	
	•	Do any fields e	exceed 150 i	ppm of	Phosph	orous c	n the	RravD1	tost?				
		* If so, list tho		PP 0.	· mospii	0.045		-				21/2	
		•						Yes		No	\boxtimes	N/A	
Nu	tri	ient Budge	t										
		•							_				
•		Is commercial	fertilizer use	ed?				Yes	\boxtimes	No		N/A	
		*If so, list amou											
Base	d oı	n soil tests and co	onsultant rec	ommen	dations.	To spre	ad the	work lo	ad, ½ t	he acre	s had N	IH4 appli	ied pre
plant	an	d ½ the acres had	d 28% applied	d post ei	merge.								
		Assa Ale II I											
•	•	Are the date, ra	ate, quantit	y and m	ethod	of appli	cation	of the	nutrie	ent, and	d/or fo	rm and	source
		of manure, cor	nmercial te	rtilizer,	and/o	other	organi	c by-p	roduc	ts prop	erly re	ecorded	in the
	,	operating reco	ra?										
Cro	nr	oing Sched	uloc					Yes	\boxtimes	No		N/A	
CIO	Ph	ing Scheu	uies										
•		Is the cropping		r each s	site, inc	luding	past ye	ear and	prese	ent yea	r, prop	erly re	corded
	ı	in the operating	g record?					Yes	\boxtimes	No		N/A	
•	ı	s the crop yield	for each sit	te prope	erly rec	orded i	n the o	perati	ng rec	ord?			
								Yes	\boxtimes	No		N/A	
•	I	s the actual cro	p yield for e	each site	prope	rlv reco	rded i	n the o	perati	ing rec	ord?		
						,		Yes		No		N/A	
			Crop Schedu	of the latest special party of			His commen		40			,,,	
			Crop	852.7	2012 935.5	2013 826.4	2014 834	2015					
			Soybeans	618.3	638.7	695.2	659		1				
			Wheat	105.7	107.4	98.4	112						
			Con a Malala I										
		'	Crop Yields b	elow.									
			Crop		2013		20		HEE	34			
			Soybeans Soybeans			.2 bu/a bu/a		1.6 bu/a .75 bu/a					
			Double Cro	p SB	05.0	Duju	13	יום ביי					
			Wheat		97.7	bu/a	77	.1 bu/a					
Additio	nal	land recently ac	quired, the B	Bussert F	arm con	sisting o	of 178 a	cres.					
4ppl	ica	ation Reco	rds										
•	lf	liquid manure i	is applied, a	re drair	plugs	being u	sed?						
						-		Yes	\boxtimes	No		N/A	
	Ι£	liquid manura	is applied	ara -L	comist!	one of	- عاريم	.f			alsa		
•	On	liquid manure perating record	ıs appiled, S	are on	servati	ons of	subsui	тасе d	rains	prope	riy rec	orded i	n the
	υþ	cialing record	ă					Yes	\boxtimes	No		N/A	

	• Has the equipment for land application been inspected, n	nair	ntaine	d and	proper	ly recor	ded in
	the operating record? Y	es	\boxtimes	No		N/A	
•	• Are there records in the operating record on soil conditions	s at	times	of app	olicatio	n, such	as soil
	cracks	es	\boxtimes	No		N/A	
•	• Are application rates and nutrients applied in accordance	e w	vith O	DA rul	es for	nitroge	n and
	phosphorus?	es	\boxtimes	No		N/A	
•	 Are liquid application rates based on the Available Water C 	apa	acity cl	nart?			
	Yo	es	\boxtimes	No		N/A	
•	" " o " o le coords of general weather conditions, temperati	ıre	and ra	infall	24 hou	rs befoi	e and
	after manure applications?	es	\boxtimes	No		N/A	
•	 Are setbacks maintained and properly recorded in the operation 	atic	on reco	ord?			
	Ye		\boxtimes	No		N/A	
•	 Is there evidence of documented use of vegetative cover to 	pro	otect s	tream	chann	els?	
	Ye	es	\boxtimes	No		N/A	
•	is the mocet and rodent control plan property implement				ner or	operat	or or
	manager? Ye	S	\boxtimes	No		N/A	
•	and the state of the plant describe the hispe	ctic	on fred	quency	to ex	amine p	est's
	populations and pest activities?	S	\boxtimes	No		N/A	
	Are these inspections properly recorded in the operating rec	ord	4?				
	Ye	S	\boxtimes	No		N/A	
	Is proper maintenance of the watering system properly reco	rde	d in th	e ope	rating	record?	
	Yes	S	\boxtimes	No		N/A	
•	Are daily inspections of drinking water lines being made and	rec	corded	in the	opera	ting rec	ord?
	Yes	•	\boxtimes	No		N/A	
	•						
	VI. MORTALITY MANAGEM	E	T				
	What type of mortality management does the facility have? Mortality is composted on site.						
	Are there inspection records properly recorded in the operation	ing	record	l on m	ortalit	y?	
	Yes		\boxtimes	No		N/A	

•	Are Bes	t Management	Practices being util	ized?	Yes	\boxtimes	No		N/A	
		VII.	OPERATING I	RECORD -	GEN	NER/	AL			
•	Are all o	perating recor	ds up-to-date and a	vailable for re	eview l	by the	inspec	tor?		
			•		Yes	×	No		N/A	
•	Is a conv	of the RCC P	TI, PTO and/or NPD	ES normit with	h tha a	norst	ina roo		•	in Ab a
	site offic	e?		LS Permit With	Yes	γ ρει α ι	No		N/A	
•	Have the years?	e operating re	cords been retaine	d by the owr	er or Yes		tor for No	a mi	inimum (N/A	of five
•	Since the	last inspectio	n, have any operati	onal changes	been r	nade a	at the f	acility	v?	
				· ·	Yes		No		N/A	
										_
Wata			ISPECTIONS A	ND OUTS	IDE I	INFC)RM	ATIC	ON	
wate	r Quai	ity Impact	:S							
•	ls there e	vidence of act	ual offsite discharge	e?	Yes		No	\boxtimes	N/A	
•	Are there	areas of conc	ern for water qualit	y impacts?	Yes		No	\boxtimes	N/A	
• 1	ls the wat	er well location	on maintained in a p	roper manne	r to av	oid co	ntamir	atior	1?	
					Yes	\boxtimes	No		N/A	
Describ	be the u	ıpkeep and	general appear	ance of the	e foll	owin	g			
		Above Average		Below						
Dikes and Diversion Dito	rhoe		Average	Average	_	P	oor			ments
Berms	Liles								/A	
Embankments	,	(N,	/A	
Pipe Runs		(-		
Grassed Waterways	7				-			-		
Vegetative Cover)							+		
Settling Basins					_			N/	/Δ	
Feed System	X							1.17	^	
Storage Areas	×									
Watering System	X									
Walkways or Walk Areas Building	Inside X									
Walkways or Walk Areas Outside Building	×									
Ventilation Systems, i.e. i	Fans X							-		
Others	. 4115							-		

VIII. SUMMARY

Were the results of the inspection discussed with the o	wner, operator	, mana	ger, r	eprese	ntative	or
livestock manager?	Yes	\boxtimes	No		N/A	
During this inspection, we discussed plans for Neil and Therespermitted facility. ODA understands that the son will own an facility, as well as management of manure. ODA also underst We reviewed the requirements to keep land application area application area, as well as any mortality composting operati is currently in this PTO. If any land in the current PTO is plann that land must be removed from the PTO's MMP PRIOR to machine.	d be solely respond tands that the so s separate from ons. No sharing of ed to receive ma	nsible for is get the performant in the performa	ior the ting a mitted ire or o om the	opera CNMP facility compose new l	tion of the for his fa y's manu st on lan hog barn	acility. Ire Id that
Required Actions:					23	
None at this time						
Reminder Actions: • 2014 Annual Report will be due by January 31, 2015.						
When determining manure application rates, be sure	e to keep the F	hospha	ite api	plicatio	ns unde	er 250
#/acre.						
 Also as a reminder, the maximum, summer time, app #/acre if the field is a high Nitrogen leaching field (tile no growing crop before Oct. 1st. Keep in mind that if that is growing or being established immediately after recommended nitrogen rate for the next non-legume or 	drainage would i applying nitroge manure applicat	make it n to a j	high le grass c	eachin _i or legui	g) and th	nere is r crop
"I certify that this information was reviewed with the ow the facility."	vner, operator,	manaį	ger, oı	repre	esentati [,]	ve of
Omistène Pence						
E .	6/30/14				164	
Signature of Inspector	Date			-		
Theresa Strickler representing Strickler Farms, LLC and reviewed and discussed the items in this inspection report.	Christine Pend	e repr	esenti	ng the	e ODA-I	OLEP
Cc: Fairfield SWCD David Libben – Fairfield County, USDA-NRCS Christing Pages – ODA DIER James to 1						

Director David T. Daniels

Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agri.ohio.gov • lepp@agri.ohio.gov

Inspector Jim Young and Sam Mullins **Inspection Start Time** 12:30 PM 4-21-15

Date of Inspection 4/21/2015

_	-	_		
Type	of.	Insn	ecti	On

Facility

Owner\Operator

Name	Croton Layer #3			Name	Ohio Fresh Eggs	, LLC	
Address	11652 Clover Valley Road			Address	10513 Croton R		
City	Croton	Ohio	Zip 43013	City	Croton	Ohio	43013
Phone	740-817-2074 (Bob Bellar Manager)	d, Produ	ıction	Phone	740-817-0279 (Ra		l Almoro,
Email	bbellard@trilliumfarmsof	nio.com		Email	ralmoro@trillium		io.com

Name	Trillium Farm F	loldings,	LLC
Address	241 St. Andrew	s Way	
City	Sioux Center	Iowa	51250
Phone			1
Email			

Contact Person

Name	David Gatten	Cell:	614-74	14-745-5588				
Email:	dgatten@trillium	farmsol	io.com	Regulatory Compliance Officer				
Name	Tabi Smith	Cell:	614-60					
Email:	tsmith@trilliumfa	armsohi	o.com	Internal Farm Compliance Officer				
Name	Sheryl Logue	Cell:	614-74					
Email:	slogue@trilliumfa	rmsohi	com	Compliance Manager				
Name	Dave Hasemann	Cell:	614-83					
Email:	slogue@trilliumfarmsohio.com			Senior Production Manager				

Permit Information

Permit Number	45-133-PTO-002	Expiration Date	4-11-17
Permit Modification		Effective Date	
Major Operational Change		Effective Date	

Certified Livestock Manager

Wame	Certificate Number	Expiration Date	TEU VO
David Gatten	152	2017	10
Phil Budd	217	2014	10
Dave Haseman	334	2015	0
Sheryl Logue	335	2015	10
Al McDougal	355	2015	0
Tabitha Smith	377	2015	10
Ramchad Almoro	414	2017	0
Scott Michalak	353	2015	10

Bio-security Information:

Inspector followed facility or industry bio-security plan	Yes	\boxtimes	No	N/A	
(whichever is more stringent)					
No exposure to poultry within 48 hours. Boots and biosecurit	v suit v	vorn.			

I. FACILITY OPERATION INFORMATION

Number and Type of Animals

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		WEST AND DESCRIPTION OF THE PERSON OF THE PE
Dairy heifers		
Mature cows (milked or dry)		CORNER VICENCE PROPERTY
Swine over 55 pounds	Continue and the second	
Swine under 55 pounds		
Laying hens	1,708,681	2,489,066
Broilers		
Pullets		
Other:		

Number of Employees	Trillium - 26
Type of Feed System	dry

II. WATER SYSTEM

Water Supply Sources								
Is there a well located at the f	acility?							
How Many? 4	Yes	\boxtimes	No		N/A			
 Is water treatment used? If so, where does back flush go? 	Yes		No	\boxtimes	N/A			
Drinking Groundwater San	npling							
Are records of the groundwater	er sampling ana Yes		operly No	record	led in th N/A	ne ope	ration re	cord?
List the dates of the last sample			140		N/A			
Grou	ındwater Sa	mple	Resul	ts				
1-7 1-1 7-2 1-2	7-2010 0.11 m 3-2011 0.14 m 7-2012 0.819 m 1-2013 0.17 m 1-2014 0.25 m 19-2014 0.24 m rells required?	ng/l N ng/l N ng/l I ng/l N	legative Positive legative legative legative Ye		No	\boxtimes	N/A	
 Is there indication of an agricult 	tural drainage v	vell (Cla	ass V w	ell) on	the pro	perty	?	
If you is the positivity with the transfer	1149 1 . 1		Yes	s 🗌	No	\boxtimes	N/A	
If yes, is the agricultural drainage	e well likely to r	iave rui	noπ? Ye s	s 🗆	No		N/A	\boxtimes
Other Waste, Chemicals and Co	ontaminants			_			,	
Is there a sanitary permit for thi	is facility?		Yes	S	No		N/A	
 If yes, does the sanitary 	go to the manu	re stor	_			•		
o If yes, is it permitted to	do so?		Yes Yes		No No		N/A	
			162		140		N/A	\boxtimes

- Are all other waste, including medical waste, cleaning solutions, pesticides, fertilizers, herbicides and other contaminants stored/handled in a manner that will not discharge into a manure storage or treatment facility?
 Yes ⋈ No □ N/A □
- If no, provide brief explanation and if the discharge into the manure storage or treatment facility is permitted/allowed.

III. MANURE STORAGE AND TREATMENT FACILITIES

Type of Manure (check all that apply Liquid ⋈ Solid □ • Annual manure analysis on file? Yes ⋈ No □ N/A □

Manure Sample Results

Barri	Date :	Maisture %	SINK ID TO	Org. N/b/T	T/dt JD/3	K-Q 6/7			
MSB-N	5-7-14	50.47	6.08	61.86	39.64	35.90			
MSB-S	5-7-14	45.07	5.24	69.18	38.40	33.72			
MSB-N	9-30-14	39.42		S DESCRIPTION					
MSB-S	9-30-14	44.54	le le romania						
MSB-N	3-4-15	52.61			Para Render				
MSB-S	3-4-15	55.52	All the second		is a second				
MSB-N	n/a*		E CAMPINE ON ONE						
MSB-S	4-6-15	49.88	7.97	69.53	32.15	31.32			

Moisture content is required to be taken monthly and the nutrients annually.

Egg Wash/Stormwater Sampling

Date	Total Phosphorus (mg/l)	Ammonia (mg/()	Nitrate (mg/l)	Pate (16/1000 gal)
9-25-08	0.452	<0.1	<0.1	
1-8-09	7.2e-7 (lb/1000 gal)	<0.8128 (lb/1000 gal)	<0.8128 (lb/1000 gal)	
1-7-10	4.5e-6 (lb/1000 gal)	<2.5e1 (lb/1000 gal)	<8.4288 (lb/1000 gal)	
1-13-11	<0.0115 (lb/1000 gal)	<0.8242 (lb/1000 gal)	<0.8252 (lb/1000 gal)	<0.0115 (lb/1000 gal)
6-22-11	<0.2	<0.3	1.12	
8-25-11	<0.2	<0.3	<0.1	
1-11-12	5.536	36.3	2.04	
4-20-12	<0.2	<0.3	0.1	With the second
9-12-12	<0.2	0.33	0.13	
1-21-13	<0.2	<0.3	0.1	
5-14-13	1.06	0.93	1,1	
9-17-13	1.6	1.48	0.1	
1-14-14	1e-5 (lb/1000 gal)	<0.8345 (lb/1000 gal)		2.3e-5 (lb/1000 gal)*

^{*}A lab conversion error is suspected in this sample

^{*}An updated Manure analysis must be provided to ODA on or before May 29th, 2015

Egg Wash Sampling

Date	a local Solids	Ammonia N	Nitrate N	Ps0=Ub/1000	N20 (16/16
			(16/1000 ght)		
4-10-14		0.16	0.09	0.14	0.3
9-5-14		0.05	0.09	0.14	0.25
10-23-14	0.127	0.12	0.01	0.19	0.37
10-28-14	0.12	< 0.01	< 0.01	< 0.001	0.33

	St	orm	Water Samplin	σ					
Comment: All stormwater is procest OEPA.			-	_	appro	ved an	d regula	ted by th	ne
Type of manure storage	or treat	ment	t facility: (Check all that apply)					
Fabricated Structures Combination		Man	ure storage pond	×	Man	ure tr	eatmen	it lagoo	n 🗀
Fabricated Structure • Type of fabricated structure	ture:								
(Check all that apply) Stacking pad/bunker/etc ☐ Concrete block or stave pit ☐ Deep pit ☐ Above ground tank (metal/concrete/other) ☐ High-rise ☐ Manure storage barn (for belt-battery, etc) ☐									
 Is there a six-inch minim subject to precipitation/ 		eeboa	ard for all storage s	tructu Yes	ires co	ntaini No	ing liqui	id manı N/A	ure or
Are records maintained	on stora	ge ca _l	pacity or manure vo	olume Yes	? ⊠	No	П	N/A	
	Ma	nur	e Storage Barns			NO		N/A	
MSB-N MSB-S n process of cleaning MSB-S	4/20/1 4/20/1		24 fe	-			L-8'	R-14' ' R-10'	
Is there evidence in the treatment facilities for elements.				-			manur	e stora	ge or
				Yes	\boxtimes	No		N/A	
Do the inspections match Monthly inspections document		luenc		nage Yes	ment	plan? No		N/A	

•	 Are these regular inspections properly recorded in the operating record? 										
		Yes		No		N/A					
	Manure Storage Pond or Manure Treatment Lagoon										
•	• Type of manure storage pond or manure treatment lagoon ☑ Earthen manure storage pond ☐ Earthen manure treatment lagoon (Explain number of ponds/lagoons, type of liner system installed (plastic, recompacted soil, in-situ soil, etc))										
•	• Is there twelve-inches of freeboard, plus the volume needed to contain the appropriate design storm, if the structure is subject to rainfall and runoff?										
		Yes		<u></u> N	0		N/A				
•	Are records maintained on storage capacity or manure volume?										
		Yes		N	o		N/A				
	Egg Wash										
	EW Cell #1 4/20/15 12.59 feet EW Cell #2 4/20/15 12.54 feet	11.7	'5 feet '5 feet	ure L	vot (Antice)	\$100 n.T.					
•	 Is there evidence in the operating record of regular inspections of facilities for erosion, leakage, animal damage or discharge? 	f the	manure	storag	e or tre	atment					
		Yes	i	No			N/A				
•	 Is there evidence in the operating record of weekly inspections o devices and devices channeling contaminated stormwater to the treatment lagoon? 						on				
		Yes	[No)		N/A				
•	Do the inspections match the frequency in the manure managem		lan?	□No	ı		N/A				
	• Are these regular inspections properly recorded in the operating		43 L			. ب	.,,,,				
	\(\text{\tint{\text{\tint{\text{\text{\text{\tinne\text{\text{\text{\text{\text{\tine\tine\text{\tinte\text{\text{\text{\text{\text{\text{\text{\text{\text{\tinte\tint{\text{\text{\text{\text{\text{\text{\text{\texit}}\tint{\tint{\text{\texitit}}\tint{\text{\text{\texit}}\tint{\text{\texi}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}		[_ No			N/A				
•	Is the level indicator(s) conspicuously located and properly functions manure treatment lagoon?	tionin	g in the	manu	re stora	age pon	d or				
	⊠ Y	⁄es		No		<u> </u>	N/A				
•	Is the vegetation near the manure storage pond or the manure tro $igigigotriangleq igigigig)$	Yes		No			V/A				
	Are the maintenance inspections for stormwater conveyances,	, rund	off diver	sion s	tructur	es, dev	ices				
	channeling contaminated stormwater, etc. properly recorded in the		erating r	ecord? No	P		I/A				

IV. MANURE MANAGEMENT

	 Is the schedule for manure removal or manure residual ren plan? 	noval ou	tlined	in the n	nanure	manager	nent				
	plan?	Yes	\boxtimes	No		N/A					
•	 List the number of acres utilized for land application. (Includeased). 	ıde both	land t	hat is o	wned a	nd land t	hat is				
	Acres leased Other land Total acres	40									
•	 Was manure applied on snow-covered or frozen ground? * If so, was the application site approved for application? 	Yes		No	\boxtimes	N/A					
		Yes		No		N/A	\boxtimes				
The Layer manure is sold through D&U and under contract to M&W farms. At the present time only eggwash water is applied through the center pivot system. The stormwater is discharged through the Enhanced Treatment System (ETS) under an approved NPDES permit from the OEPA. • Is manure distributed through Distribution and Utilization methods?											
		Yes	\boxtimes	No		N/A	П				
•	If Distribution and Utilization method of manure removal is used, are Appendices A, B, F and the most recent manure an	alveis giv	en to	the reci	nient c	·	nueo 2				
	, , , , , , , , , , , , , , , , , , , ,	Yes	⊠	No		N/A					
•	Is the record for the Distribution and Utilization of manure m	naintaine	ed in t	he opera	ation re	•					
		Yes	\boxtimes	No		N/A					
Soil C	Characteristics										
	Are all soil analysis properly recorded in the operating records must be taken every three years)	X Yes	ne last		ars? No		N/A				
	 Are the soil samples representatives of a land applicat representing no more than twenty-five acres or one comp site, whichever is less? 	tion site oosite so	with il sam	one co	mposit each la	te soil sa nd applic	mple ation				
		⊠ Yes			Vo		N/A				
	Do any fields exceed 150 ppm of Phosphorous on the BrayP	P1 test? ⊠ Yes			lo		N/A				
	* If so, list those fields. Center Pivot. Pivot area is designated as follows with "P" I	Index:									

Dote	Field -	Acres	Mindex	P-thdex	# Rhespharous
	Number		Value	Category	
	L3 Pivot A-S			Medium	190 ppm
4-15-14	L3 Pivot B-N	19.81	33.3	High	378 ppm

New soil samples taken April, 2014 and P index recalculated. These new samples show Pivot A-S field decreasing from 307ppm to 190 ppm; the Pivot B-N field increased from 317 ppm to 378 ppm. Neither of these results is consistent with the known agronomic practices. It is strongly recommended that new soil samples be takin in the spring or summer of 2015 before any eggwash application takes place.

Nutrient Budget

•	Is commercial fertilizer used?			
		⊠ Yes	□ No	□ N/A
	* If so, list amount of commercial fer	tilizer used.		

Comment: Nitrogen is applied to corn at the recommended agronomic rate.

 Are the date, rate, quantity and method of application of the nutrient, and/or form and source of manure, commercial fertilizer, and/or other organic by-products properly recorded in the operating record?

operating record?	ther organic by-proc	lucts properly re	coraea in the
	⊠ Yes	□ No	□ N/A
ver 2013	7 2014	vai-2015	W. C.

	Yes.	2013	7-78-7	2014	Year 2015 (19 of 477 (15))		
Manure Type	Tens/gals	acres	Tons/gals	acres	Tons/galls	Borts	
EW/SW	13,804,879 gallons	ETS					
EW/SW Center Pivot	4,251,492 gallons	40 acres					
Eggwash Only	n/a	n/a	7,763,376 gallons	40 acres	285,180 gallons	40 acres	
MSB-North	400 tons 915 tons 1,400 tons	Cooperrider M&W Farms Bob Car	11,632.5 tons 4,482.2 tons	M&W M&W Storage	737.89 tons 132.5 tons	M&W M&W storage	
MSB-South	435 tons 10,934 tons	Cooperrider M&W Farms	10,056.62 tons 2,285.43 tons	M&W M&W Storage	1,718.5 tons 1,295.22 tons	M&W M&W storage	
Totals (Layer Manure)	14,084 tons	-	28456.75 tons				

Cropping Schedules

	•	Is the cropping in the operating		each sit	e, including p	ast year and p	present year, pro	perly recorded
		m the operation	ig record:			⊠ Yes	□ No	□ N/A
	٠	Is the crop yield	d for each site	properl	y recorded in	the operating Yes	record?	□ N/A
	•	is the actual cro	op yield for eac	h site p	roperly recor	ded in the ope	erating record?	□ N/A
		Crop Soyl Yield 59 b	beans Corn ou/a 205 I	1000	Soybeans 64 bu/ac	Corn 181 bu/ac	Soybean 65 bu/ac	
Application	on F							
	•	If liquid manure	s applied, are	drain p	olugs being us	sed?	⊠ No	□ N/A
	•	If liquid manur operating record		re obs	ervations of	subsurface dr	ains properly red	corded in the
						⊠ Yes	☐ No	□ N/A
	•	Has the equipm the operating re		oplicati	on been insp	ected, mainta	ined and properl	y recorded in
		application rate eggwash were ap .27" per acre. Re	per acre is 0.25 pplied on 39.27 equested Action or Inches of Wa	", or ro acres v : Please iter per	ughly 6,750 gawhich is equive e indicate the facre, on the l	allons per acre alent to 7,243. appropriate ap Land Applicatio	No 15. The document . However, 285,18 6 gallons per acre oplication rate, eit on Form for eggwa	30 gallons of , or roughly ther in
	•	Are there record cracks?	ls in the operat	ing rec	ord on soil co	nditions at tin	nes of application	, such as soil
						⊠ Yes	□ No	□ N/A
	•	Are application phosphorus?	rates and nuti	ients a	applied in acc		ODA rules for i	_
						⊠ Yes	□ No	□ N/A
	•	Are liquid applica	ation rates base	ed on th		Vater Capacity Xes	chart?	□ N/A
	•	Are there records after manure app		ather o	onditions, te	mperature and	d rainfall 24 hour	s before and
						⊠ Yes	□ No	□ N/A

	 Are setbacks maintained and properly recorded in the operate 	tion record	d?												
	∑Yes		No	[□ N/A										
	• Is there evidence of documented use of vegetative cover to p	orotect str	eam chan No	nels?	□ N/A										
	V. INSECT AND RODENT CONTROL														
•	Is the insect and rodent control plan properly implemented manager?				tor or										
	Yes [⊠ No	· L	N/A											
•	 Does the insect and rodent control plan describe the inspection frequency to examine pest's populations and pest activities? 														
•	Yes	⊠ No		N/A											
•	Are these inspections properly recorded in the operating record?														
	Yes [□ No	\boxtimes	N/A											
•	 4-18-15, several errors occurred. On Thursday 4-16-15, Barn #37 was doredown Flies. No fly control action was documented within 24 hours. Also on 4-1 were all documented as having Few flies, however fly control actions we 17-15, The MSB-S was documented as having Moderate flies. No fly cont within 24 hours. Also on 4-17-15, Barns 42B and MSB-N were documented control actions were recorded anyway. Is proper maintenance of the watering system properly recorded 	6-15, Barn re recorde rol action ed as havir	is #30, #3 ed anyway was docu ng Few flic	2, and # /. On Frid mented es howe	36 day 4- ver fly										
	Yes		perating	recora: N/A	'										
	Water leaks that were reported were repaired	<u>.</u>		14/74											
	 Are daily inspections of drinking water lines being made and reco 	orded in t	he opera	iting re	cord?										
	Yes 🗵			N/A											
	VI. MORTALITY MANAGEMEN	т													
	What type of mortality management does the facility have? Composting of mortalities now performed on-site in the north manure sto	orage barn	s.												
	Are there inspection records properly recorded in the operating re	ecord on	 mortalit	v?											
	Yes 🗵			N/A											
	Are Best Management Practices being utilized?														
	Yes ⊠	No		N/A											

VII. OPERATING RECORD – GENERAL

 Are all operating records up-to-date and available for review by the inspector? 											
		Yes	\boxtimes	No		N/A					
•	Is a copy of the RCC, PTI, PTO and/or NPDES permit wit	h the d	perat	ting rec	ord or	located	in the				
	site office?	Yes	\boxtimes	No		N/A					
•	Have the operating records been retained by the own years?				a mi		of five				
	years:	Yes	\boxtimes	No		N/A					
•	Since the last inspection, have any operational changes	been i	made	at the	facility	?					
		Yes	\boxtimes	No		N/A					
means r	has gone to a one age manure concept in the MSBs to try and personance in each MSB is spread across the entire barn as uniform VIII. VISUAL INSPECTIONS AND OUTS Quality Impacts	as poss	sible by	/ alterna	ating si	des each					
•	Is there evidence of actual offsite discharge?	Yes		No	\boxtimes	N/A					
•	Are there areas of concern for water quality impacts?	Yes		No	\boxtimes	N/A					
•	Is the water well location maintained in a proper manne	r to av	oid co	ontami	nation	?					
		Yes	\boxtimes	No		N/A					
Facility Above Av	upkeep and general appearance: verage Average						\boxtimes				
Below Av	verage Poor										

4-21-15

Barn	flies	Larvae	Comments
#29	F	F	Enriched Cages, no partitions. Few flies outside
#30	F	F	Enriched Cages, no partitions. Few flies outside
#31	F	F	Enriched Cages, no partitions. Few flies outside
#32	F	F	Enriched Cages, no partitions. Few flies outside
#33	F	F	Enriched Cages, no partitions. Few flies outside
#34	M	M	Build-up of feathers and debris between belts. Pupae present in areas where feathers and debris have built up. Birds are molting. Few flies outside
#35	F	F	Enriched Cages, no partitions. Few flies outside.
#36	M	M	Build-up of feathers and debris between belts but not nearly as bad as Barn #34. Some Pupae are present, birds are molting, Few flies outside
#37	F	F	Birds are molting, Few flies outside.

#38	F	F	Standard Cages, Few flies outside.
#39	F	F	Standard Cages, Few flies outside.
#40	F	F-M	Standard Cages. Cage area in good shape. The manure belt taking manure from the house to the MSB had a few more larvae than some of the other houses. Few flies outside
#41	F	F	Standard Cages, Few flies outside. Feeder belt was overflowing with feed on the corners
#42	F	F	Standard Cages, Few flies outside.
#41A	М	F-M	Scraper barn, Build-up of manure on scraper boards. Brown birds, Few flies outside
#42B	M	F-M	Scraper barn, Build-up of manure on scraper boards. Brown Birds, Few flies outside
MSB-N	F	F	Manure is dry and barn is full. L-8' R-14'. Dead flies at entrance.
MSB-S	M	F-M	Manure is excessively wet. Manure is actively being removed. Presence of few living flies but a moderate amount of dead flies at the entrance of the barn at the time of inspection.

Describe the upkeep and general appearance of the following

	Above Averago	Average	Sciow Alexage	PoGr	Comments
Dikes and Diversion Ditches		X			
Berms		x		Establish Section 1	
Embankments	x				stoned
Pipe Runs		x			All the result in the state of
Grassed Waterways	x	Description of the second			SA SANSAN NAMES OF SANSAN
Vegetative Cover		x			CO TENTO
Settling Basins				Military (military)	n/a
Feed System		X	CONTRACTOR OF THE PARTY		Maria de la constanta de la co
Storage Areas			x		
Watering System	X				
Walkways or Walk Areas Inside Building		x			
Walkways or Walk Areas Outside Building	x				
Ventilation Systems, i.e. Fans	X				
Others			x		Manure Belts, specifically in Barn #34 and #36.

VIII. SUMMARY

Were the results of the inspection discussed with the owner,	, operator	, mana	ger, a	and re	presenta	tive
or livestock manager?	Yes				N/A	

Required Actions:

- Latest documented land application of eggwash occurred on 4-18-15. The documented application rate per acre is 0.25", or roughly 6,750 gallons per acre. However, 285,180 gallons of eggwash were applied on 39.27 acres which is equivalent to 7,243.6 gallons per acre, or roughly .27" per acre. Requested Action: Please indicate the appropriate application rate, either in gallons per acre or Inches of Water per acre, on the Land Application Form for eggwash. Additionally, calibration records of pivot irrigation system must be made available during next scheduled ODA-DLEP inspection.
- According to the Daily Barn Inspection Report for Layer Site #3 of the week starting on 4-12-15 and ending 4-18-15 several errors occurred. On Thursday 4-16-15, Barn #37 was documented as having Moderate Flies. No fly control action was documented within 24 hours. Also on 4-16-15, Barns #30, #32, and #36 were all documented as having Few flies however fly control actions were recorded anyway. On Friday 4-17-15, The MSB-S was documented as having Moderate flies. No fly control action was documented within 24 hours. Also on 4-17-15, Barns 42B and MSB-N were documented as having Few flies however fly control actions were recorded anyway. This has resulted in ODA-DLEP issuing a Notice of Deficiency Resulting in Noncompliance (NOD) and corrective actions will be required to reach compliance. The NOD was issued on 5-8-15 and will include the required corrective actions.
- ➤ ODA-DLEP has determined that the manure in MSB-S to be excessive in moisture and conducive to house fly breeding. This has resulted in ODA-DLEP issuing an NOD and corrective actions will be required to reach compliance. The NOD was issued on 5-8-15 and will include the required corrective actions.
- ODA-DLEP has determined that layer houses' cleanliness was poor and contributed to a fly problem at the MSBs. This has resulted in ODA DLEP issuing an NOD and corrective actions will be required to reach compliance. The NOD was issued on 5-8-15 and will include the required corrective actions.
- An updated manure analysis of the North Manure storage barn must be provided to the ODA-DLEP on or before May 29th, 2015.

Reminder Actions:

Groundwater tests are due no later than November 2015.

Recommended Actions:

- The required sampling of eggwash should be expressed in lbs/1000 gallons for Ammonia, Organic N, Phosphate, and Potash.
- > It is strongly recommended that soil samples be taken for the eggwash field spring or summer of 2015. The April 2014 soil analysis does not correlate with the agronomic practices, or nutrients applied, for a phosphorus draw down.
- ➤ The ODA-DLEP recommends monitoring the One-Age manure concept very closely and support this operational change through routine moisture analysis and more vigorous temperature record keeping.

"I certify that this information was reviewed with the owner, operator, manager, or representative of the facility."

The records portion of this inspection was completed with Sheryl Logue and David Gatten.

Those present during the facility inspection were: Ramchand Almoro, Tabitha Smith, Dave Gatten, Maxcy Nolan, Bob Bellard, Jim Young, and Samuel Mullins

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01	W.	LANCE OF THE PARTY

5/20/2015

Signature of Inspector

Date

Cc:

J.T. Dean - Trillium Farms Doug Mack - Trillium Farms Dave Hasemann - Trillium Farms Bob Bellard - Trillium Farms Ramchand Almoro – Trillium Farms Sheryl Logue - Trillium Farms Dave Gatten - Trillium Farms Tabitha Smith - Trillium Farms **Licking County SWCD** Maxcy Nolan - Professional Entomologist Governor John R. Kasich • Lt. Governor Mary Taylor Director David T. Daniels Division of Livestock Environmental Permitting
A.B. Graham Building
8995 East Main Street, Reynoldsburg, OH 43068
Phone: 614-387-0470 • Fax: 614-728-6335
www.agri.ohio.gov • lepp@agri.ohio.gov

Inspector Jim Young and Sam Mullins **Inspection Start Time** 7:45 AM 4-21-15

Date of Inspection 4/21/2015

T	- 6			
Type	OT	Inch	actio	м
IADC	VI.	111217	CLIIU	ш

Facility

Owner\Operator

Name	Croton Layer #4			Croton Layer #4 Name			Ohio Fresh Eggs, LLC		
Address	11492 Westly Chapel Road			Address	10513 Croto	. Mar Gar 17			
City	Croton	Ohio	Zip 43013	City	Croton	Ohio	43013		
Phone	614-832-2215 (Amber Vannoy, Production Manager)			Phone	740-817-0279 Director of Op		Almoro,		
Email	avannoy@trilliumfarmsohio.com			Email	ralmoro@trill		io.com		

Name	Trillium Farm Holdings, LLC							
Address	241 St. Andrews Way							
City	Sioux Center	lowa	51250					
Phone								
Email								

Contact Person

Name	David Gatten	Cell:	614-74	45-5588				
Email:	dgatten@trillium	farmsol	io.com	Regulatory Compliance Officer				
Name	Tabi Smith	Cell:		4-600-0482				
Email:	tsmith@trilliumfa	armsohi	o.com	Internal Farm Compliance Officer				
Name	Sheryl Logue	Cell:	614-74					
Email:	slogue@trilliumfa	armsohid	o.com	Compliance Manager				
Name	Dave Hasemann	Cell:	614-832	14-832-2564				
Email:	slogue@trilliumfa	armsohid	com.	Senior Production Manager				

Permit Information

Permit Number	45-135-PTO-002	Expiration Date	4-11-2017
Permit Modification		Effective Date	
Major Operational Change		Effective Date	

Certified Livestock Manager

Name 1	Certificate Number	Expiration Gate	CERT Cat
David Gatten	152	2017	10
Phil Budd	217	2014	10
Dave Haseman	334	2015	0
Sheryl Logue	335	2015	10
Al McDougal	355	2015	0
Tabitha Smith	377	2015	10
Ramchad Almoro	414	2017	0
Scott Michalak	353	2015	10

Bio-security Information:

Inspector followed facility or industry bio-security plan	Yes	\boxtimes	No	N/A	
(whichever is more stringent)					
No exposure to poultry within 48 hours. Boots and biosecurit	v suit v	vorn.			

I. FACILITY OPERATION INFORMATION

Number and Type of Animals

Animal Type	Existing Number of Animals (leave blank if facility is new)	Maximum Number of Animals (for new or expanding facilities)
Slaughter and feeder cattle		
Dairy heifers		New York Company of the Company
Mature cows (milked or dry)		The Report Part of the Part of
Swine over 55 pounds		
Swine under 55 pounds		
Laying hens	2,213,412	2,314,384
Broilers		THE SECOND PROPERTY OF THE PARTY.
Pullets	THE PROPERTY OF THE PARTY OF THE PARTY.	
Other:		

Number of Employees	Trillium - 25	
Type of Feed System	dry	

II. WATER SYSTEM

Water Supply Sources									
• Is there a well located at the facility?									
How Many? 5	Yes		No			N/A			
 Is water treatment used? If so, where does back flush go? 	Yes		No	\boxtimes		N/A			
Drinking Groundwater Sampling									
Are records of the groundwater samp	ling ana Ye				cord	ed in t		eration re	cord
List the dates of the last samples taken	١.								
Groundwa	-			ults	5				
Groundwater Monitoring Are groundwater monitoring wells requirely list results. Agricultural Drainage Well Is there indication of an agricultural drainage was a second water of the second water and the second water agricultural drainage was a second water agricultural drainage wa		mg/l mg/l mg/l mg/l mg/l mg/l mg/l		ve ve ve ve ve ve ve ve	□	No	_	N/A	
-		•		'es		No		N/A	
If yes, is the agricultural drainage well li	kely to	have	runoff?						
Other Waste, Chemicals and Contaminants	;		Y	es		No		N/A	
Is there a sanitary permit for this facilit	:y?		Y	es	\boxtimes	No		N/A	
 If yes, does the sanitary go to the 	he man	ure st	_						
o If yes, is it permitted to do so?				es es		No No		N/A N/A	

- If no, provide brief explanation and if the discharge into the manure storage or treatment facility is permitted/allowed.

III. MANURE STORAGE AND TREATMENT FACILITIES

Type of Manure (check all that apply Liquid ⊠ Solid ⊠ • Annual manure analysis on file? Yes ☑ No □ N/A □

Manure Sample Results

The parties of the	IST USWELLS	BILLING YEAR IN SERVICE	A III ISNA SARSAN	10 July 25 Jul	10 m 8 70 fm 5	The second second
Data.	DIAMIE	MIDISTATE 28	NB2 10/1	Ohr. N.1673	EQ. 146	K20 16/1
MSB-E	4-10-14	39.08	3.22	87.48	43.08	36.86
MSB-W	4-10-14	43.51	4344	79.54	36.44	36.14
MSB-E	7-30-14	35.11				
MSB-W	7-30-14	49.12			4(1)	
MSB-E	3-4-15	49.30	e 200			
MSV-W	3-4-15	44.60	S 8 1 2 7			100000000000000000000000000000000000000
MSB-E	4-13-15	37.35	8.84	52.65	47.18	43.91
MSB-W	4-13-15	35.99	6.81	62.8	46.68	40.0

Moisture content is required to be taken monthly and the nutrients annually.

Stormwater Sampling

Date	Total Phosphorus (mg/!)	Ammonia (mg/l)	Nitrate (mg/l)	P.D. (B/1000 g
1-13-11	<0.0117 (lb/1000 gal)	<0.837 (lb/1000 gal)	<0.8370 (lb/1000 gal)	1.6e-6
6-22-11	0.333	0.87	2.9	
8-25-11	0.5777	0.83	0.54	
1-11-12	<0.2	<0.3	0.27	Market David
4-20-12	<0,415	<0.3	0.25	CALL STREET
9-12-12	0.90	14.56	0.1	
1-21-13	<0.2	0.85	(TKN) 3.74	
5-15-13	0.79	1.58	0.1	
9-17-13	0.6	0.3	0.1	
1-14-14	<0.0083 (lb/1000 gal)	<0.8345 (lb/1000 gal)	GENT TOPPORT	

All Stormwater is now being processed through Enhanced Treatment Station approved and regulated by OEPA.

Egg Wash Sampling

Date	% Total Solids	Ammonia N (Ib/1000 gal)	Organic N Ib/1000 ga()	F.O. (15/1000	K-0 (lb/10)
10-23-14	0.3629	1.04	0.45	0.49	0.53

The eggwash nutrients were recalculated for this report by ODA: Brookside Lab #: UE1023039 dated 10-23-14

Type of manure st	orage or trea		ity: eck all that app	oly)					
Fabricated Structures Combination		Manure st Manure tro lagoon	orage pond eatment						
Fabricated Structure									
 Type of fabricated 	structure:								
Stacking pad/bunker/etc Deep pit High-rise		☐ Con	ck all that app crete block ove ground to nure storage	or stav ank (m	etal/c		-	•	
Compacted earthen floor c	oncrete pit	☐ Oth	er						
 Is there a six-inch n subject to precipita 			or all storage	struct Yes	ures c	ontaini No	ing liqu	uid mand	ure or
		•-				110		14/75	
 Are records mainta 	ined on stora	age capacity	or manure	volum	e?				
				Yes	\boxtimes	No		N/A	
The Control of the Co	М	anure St	orage Bar	ns		WY DV	25	Tay or a	
MSB-W	4/20/	15	2/	feet			1.17	R-Clean	100
MSB-E	4/20/		The second secon	feet			100000	an R-16	
 Is there evidence is treatment facilities 	n the opera	ting record	of regular	inspec	tions	of the		re stora	nge or
				Yes	\boxtimes	No		N/A	
Do the inspections n	natch the fre	quency in t	he manure i	manag	ement	: plan?			
Monthly inspection Are these regular ins			ded in the o	Yes perati	⊠ ng reco	No ord?		N/A	
-	·	- •		Yes		No		N/A	

Manure Storage Pond or Manure Treatment Lagoon

•	🔀 Earthen n	nanure storage		nt lagoon nure treatment lagoon ystem installed (plasti		oil, in-situ soil,
•			eboard, plus the volur	ne needed to contain t	the appropriate d	lesign storm, if
				⊠ Yes	☐ No	□ N/A
•	Are records m	naintained on st	orage capacity or mar	nure volume?		
				⊠ Yes	☐ No	□ N/A
			Egg Wa	ish		
	EW Cell #1	4/20/15	Maximum Operation	g Leyful Cultren	Minure Lewis	
	EW Cell #2	4/20/15	13.16 feet 11.61 feet	12.0 fee		ALCO NO.
,		vices channelir		Yes inspections of stormw	storage pond or I	manure
	Do the Lorent			∑ Yes	∐ No	□ N/A
,	Do the inspect	ions match the	frequency in the man	ure management plan? Yes	No	□ N/A
	Are these regul	lar inspections	properly recorded in t	he operating record?	☐ No	□ N/A
	Is the level ind manure treatm	icator(s) conspi	cuously located and p	properly functioning in	the manure sto	rage pond or
					☐ No	□ N/A
	Is the vegetatio	n near the mar	ure storage pond or t	he manure treatment	lagoon properly i	maintained?
	Are the mainte	enance inspect	ions for stormwater	conveyances, runoff	diversion structu	
	channeling cont	raminated stori	nwater, etc. properly	recorded in the operat		□ BAT/A
				⊠ Yes	∐ No	∐ N/A

IV. MANURE MANAGEMENT

•	Is the schedule for manure removal or manuplan?	re residual removal out	lined i	n the m	anure	manager	nent
	pians	Yes	\boxtimes	No		N/A	
•	List the number of acres utilized for land app leased).	lication. (Include both	land th	at is ov	vned a	nd land t	hat is
	Acres leased Other land Total acres	37					
•	Was manure applied on snow-covered or froz					21/2	
	* If so, was the application site approved for a	Yes pplication?		No	\boxtimes	N/A	
		Yes		No		N/A	\boxtimes
•	Is manure distributed through Distribution an	d Utilization methods? Yes	\bowtie	No	П	N/A	
	The Layer manure is sold through D&U and undeggwash water is applied through the center p Enhanced Treatment System (ETS) under an ap	ivot system. The stormy	vater is	t the pr	rged th	ime, only	, e
•	If Distribution and Utilization method of man recent manure analysis given to the recipient	ure removal is used, a of the manure?	re App	endices	A, B,	F and the	most
		Yes		No		N/A	
•	Is the record for the Distribution and Utilization				ition re		
		Yes		No		N/A	
Soil Ch	aracteristics						
	Are all soil analysis properly recorded in the	operating record for th	e last i	five yea			N/A
	(The analysis records must be taken ev	ery three years).		ГГ	10		IVA
	 Are the soil samples representatives of a representing no more than twenty-five acre site, whichever is less? 	land application site s or one composite so	with I samp	one co ole for e	mposit each la	e soil sa nd applic	imple cation
		⊠ Yes			lo		N/A
	• Do any fields exceed 150 ppm of Phosphorou	is on the BrayP1 test?			o		N/A
	* If so, list those fields.	owe with "P" Indov					

Date 130	Field Number	SALETES .	. F-Ingex	Paraex Editegory	Prospectous
			Value		
4-15-14	L4 Pivot A-W	18.49	25.81	Medium	271 ppm
4-15-14	L3 Pivot B-E	18.34	27.27	Medium	291 ppm

New soil samples taken April, 2014 and P index recalculated. Both soil P levels and the P-Index values have declined slightly since 2011. Fields are only for eggwash.

Nutrient Budget

•	Is commercial fertilizer used?			
		☐ Yes	⊠ No	\square N/A
	* If so, list amount of commercial	fertilizer used.		

Are the date, rate, quantity and method of application of the nutrient, and/or form and source

of manure, commercial fertiliz operating record?	er, and/or other	organic l	by-products	properly	recorded	in the
		$\boxtimes Y$	es	□ No		N/A

	Year	2013	Year	2014	Year 2015 1	
- Manure Type	Tons/gals	acres	Tons/gals	acres	Tons/gals	atres
Eggwash	11,410,552 gallons	37	7,942,536 gallons	37	310,380	37
	3,803 tons	Piper	9,198.9 tons	M&W	3,685.9 tons	M&W
	780 tons	Blanton	457.9 tons	M&W	1	
MSB-East	9,073 tons	M&W	460 tons	Storage		
	2,332 tons	Transfer to Layer 3 MSB-S		Carr Piper		
	2,003 tons	Piper	7,722.2 tons	M&W	1,882 tons	M&W
	1,714 tons	M&W	51.8 tons		3,402 tons	Piper
MSB-West	4,165 tons 9,180 tons	Bachman Unlimited	5,380 tons	M&W Storage Carr		
		Renewables	710 tons	Piper		
Totals (Layer Manure)	33,050 tons		29,897.8 tons			

Truck wash effluent has not been installed for discharge into the eggwash pond.

Cropping Schedules

	•	Is the cropping schedule for each site, includ in the operating record?	ing past year and	present year, pro	perly recorded
			⊠ Yes	□ No	□ N/A
	•	Is the crop yield for each site properly records	ed in the operating Yes	record?	□ N/A
	•	Is the actual crop yield for each site properly I	recorded in the ope	erating record?	□ N/A
		Crop Soybeans Corn Soybea Yield 42 bu/ac 109 bu/ac 60 bu/a Cropping schedule is only	c 195 bu/ac -	oybean	
Application	n R	ecords			
	•	If liquid manure is applied, are drain plugs being	ng used?	⊠ No	□ N/A
	•	If liquid manure is applied, are observations operating record?		_	
			🔀 Yes	∐ No	∐ N/A
•	•	Has the equipment for land application been the operating record?		ined and properl	_
		Latest documented land application of eggwash application rate per acre is 0.25", or roughly 6,7 eggwash were applied on 36.8 acres which is ed. 29" per acre. Requested Action: Please indicate gallons per acre or Inches of Water per acre, on Additionally please provide routine calibration results.	50 gallons per acre uivalent to 7,886.4 the appropriate a the Land Applicati	e. However, 290,2 I gallons per acre, pplication rate, eit on Form for eggw	20 gallons of or roughly ther in
•		Are there records in the operating record on so cracks?	oil conditions at tir	nes of applicatior	n, such as soil
			⊠ Yes	□ No	□ N/A
•		Are application rates and nutrients applied in phosphorus?	n accordance with	ODA rules for	nitrogen and
			⊠ Yes	☐ No	□ N/A
•		Are liquid application rates based on the Availa	ble Water Capacit	y chart?	□ N/A
•		Are there records of general weather condition	s, temperature an	d rainfall 24 hour	s before and
	•	after manure applications?	⊠ Yes	□ No	□ N/A

	 Are setbacks maintained and properly recorded in the operation record? 	
	∑ Yes ☐ No ☐ N/A	
	◆ Is there evidence of documented use of vegetative cover to protect stream channels? ✓ Yes NO N/A	
	∑ Yes ☐ NO ☐ N/A	
	V. INSECT AND RODENT CONTROL	
•	Is the insect and rodent control plan properly implemented by the owner or operator or	
-	mana = = = 3	
	manager? Yes ⊠ No □ N/A □	
•	Does the insect and rodent control plan describe the inspection frequency to examine pest's	
	populations and pest activities? Yes ⋈ No □ N/A □	
•	Are these inspections properly recorded in the operating record?	
	Yes ⊠ No □ N/A □	
	All fly control logs coincide with each barn's inspection record	
•	Is proper maintenance of the watering system properly recorded in the operating record?	
	Yes ⊠ No □ N/A □	
	Water leaks that were reported were repaired	
•	Are daily inspections of drinking water lines being made and recorded in the operating record?	
	Yes ⊠ No □ N/A □	
	VI. MORTALITY MANAGEMENT	
	What type of mortality management does the facility have? Composting of mortalities now performed on-site in manure storage barns.	
	Are there inspection records properly recorded in the operating record on mortality?	
	Yes ⊠ No □ N/A □	
,		
•	Are Best Management Practices being utilized?	
	Yes ⊠ No □ N/A □	

VII. OPERATING RECORD - GENERAL

 Are all operating records up-to-date and available fo 	r review	by the	inspec	tor?		
	Yes	\boxtimes	No		N/A	
 Is a copy of the RCC, PTI, PTO and/or NPDES permit v 	with the	operat	ting rec	ord or	located	in the
site office?	Yes	\boxtimes	No		N/A	
 Have the operating records been retained by the operating records been retained by the operating records. 	wner or Yes		ator fo	a mi	nimum N/A	of five
Since the last inspection, have any operational change	ges been	made	at the	facility	?	
	Yes	\boxtimes	No		N/A	
Unlimited Renewables is no longer processing manure in MSE removed.	3-W and e	quipme	ent is in	the pro	cess of b	eing
Trillium has gone to a one age manure concept in the MSBs to This means manure in each MSB is spread across the entire be each day. VIII. VISUAL INSPECTIONS AND OU	arn as unit	orm as	possibl	e by alt	ternating	
Water Quality Impacts						
• Is there evidence of actual offsite discharge?	Yes		No	\boxtimes	N/A	
Are there areas of concern for water quality impacts?	Yes		No	\boxtimes	N/A	
Is the water well location maintained in a proper man	nner to a	void c	ontami	nation	?	
	Yes	\boxtimes	No		N/A	
Facility upkeep and general appearance:						
Above Average						\boxtimes
Below Average Poor						
4-21-15						

4-2

Barn	Flies	Larvae	Comments
#43	F	F	Good Condition, Few flies outside
#44	F	F	Good Condition, Few flies outside
#45	F	F	Good Condition, Few flies outside, moist feed at front end of barn
#46	F	F	Good Condition, Few flies outside
#47	F	F	Good Condition, Few flies outside
#48	F	F	Good Condition, Few flies outside
#49	F	F	Good Condition, Few flies outside
#50	F	F	Good Condition, Few flies outside

#51	F	F	Good Condition, Few flies outside, moist feed at front end of barn
#52	F	F	Good Condition, Few flies outside
#53	F	F	Good Condition, Few flies outside
#54	F	F	Good Condition, Few flies outside
#55	F	F	Good Condition, Few flies outside
#56	F	F	Good Condition, Few flies outside
#55A	F	F	Good Condition, Few flies outside, scraper barn
#56B	F	F	Good Condition, Few flies outside, scraper barn
MSB-E	F	F	Manure is dry, only one bay with manure L-17'
MSB-W	F	F	Manure is dry, only one bay with manure R-16'

In the even numbered barns (44-56) the manure belt transferring manure from the houses to the MSB was not functional. The problem was resolved on 4-21-15.

Describe the upkeep and general appearance of the following

对于一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	Above average	Average	Relow Average		
Dikes and Diversion Ditches		X			
Berms		X			
Embankments	x				stoned
Pipe Runs		x			
Grassed Waterways	X	O SUPPLIES		月10日 公司	
Vegetative Cover	for the business and	X			
Settling Basins		uca liperinta accid			n/a
Feed System		X			
Storage Areas	X				
Watering System		X			
Walkways or Walk Areas Inside Building	x				
Walkways or Walk Areas Outside Building	×				
Ventilation Systems, i.e. Fans	x				
Others					Penedillication is

VIII. SUMMARY

Were the results of the inspection discussed with the	e owner, operator	, manage	r, and	represent	tative
or livestock manager?	Yes	\boxtimes N	o [□ N/A	

Required Actions:

The latest documented land application of eggwash occurred on 4-18-15. The documented application rate per acre is 0.25", or roughly 6,750 gallons per acre. However, 290,220 gallons of eggwash were applied on 36.8 acres which is equivalent to 7,886.4 gallons per acre, or roughly .29" per acre. Requested Action: Please indicate the appropriate application rate, either in gallons per acre or Inches of Water per acre, on the Land Application Form for eggwash. Additionally, calibration records of pivot irrigation system must be made available during next scheduled ODA-DLEP inspection.

Reminder Actions:

- Groundwater tests are due no later than November 2015.
- > Please inform ODA-DLEP when Truck wash effluent will be discharged into the eggwash effluent.

Recommended Actions:

The required sampling of eggwash should be expressed in lbs/1000 gallons for Ammonia, Organic N, Phosphate, and Potash.

➤ The ODA-DLEP recommends monitoring the One-Age manure concept very closely and support this operational change through routine moisture analysis and more vigorous temperature record keeping.

"I certify that this information was reviewed with the owner, operator, manager, or representative of the facility."

The records portion of this inspection was completed with Sheryl Logue and David Gatten.

Those present during the facility inspection were: Ramchand Almoro, Tabitha Smith, Dave Gatten, Maxcy Nolan, Jim Young, and Samuel Mullins

de W. Mille	
	5/20/2015
Signature of Inspector	 Date

Cc: J.T. Dean – Trillium Farms
Doug Mack – Trillium Farms
Dave Hasemann – Trillium Farms
Amber Vannoy – Trillium Farms
Ramchand Almoro – Trillium Farms
Sheryl Logue – Trillium Farms
Dave Gatten – Trillium Farms
Tabitha Smith – Trillium Farms
Licking County SWCD
Maxcy Nolan – Professional Entomologist